

## **Dr. Wafa Barhoumi Hamdi**

*Department of Sociology, University of Sharjah*

Phones: 065053235 (Office); 0508579913 (Cell)

Emails: [wahamdi@sharjah.ac.ae](mailto:wahamdi@sharjah.ac.ae) ; [wafa.uoh@gmail.com](mailto:wafa.uoh@gmail.com)

<https://scholar.google.com/citations?hl=ar&user=KqPgdHcAAAAJ>

<https://orcid.org/0000-0001-8233-7798>

<https://www.researchgate.net/profile/Wafa-Barhoumi-Hamdi>



---

### **Academic Qualifications**

#### **PhD in Demography 2012**

- Faculty of Humanities and Social Sciences of Tunis associated with PANTHEON – SORBONNE – UNIVERSITY PARIS I
- Thesis : "Exploring Demographic Changes, Education, Employability and Employment Trends Among Female Executives in Tunisia"
- Research focuses on the Role of Women in the Tunisian Economy.
- Awards: Graduated with distinction (*summa cum laude*).

#### **Master's Degree in Demography 2006**

- Faculty of Humanities and Social Sciences - Tunisia
- Thesis : "Employment Dynamics and Unemployment Challenges for Executives in the Tunis District"
- Awards: Graduated with distinction (*summa cum laude*).

#### **Master's Degree in Institutional Sociology 2005**

- The Higher Institute of Humanities and Social Sciences in Tunisia
- Thesis : "Institutional Dynamics and Social Change: A Comparative Study"

#### **Bachelor's Degree in economic and social studies 2003**

- National Institute of Business and Social Studies - Tunisia
- Thesis: "Employment Trends and Unemployment Challenges in Tunisia: A Comprehensive Analysis".
- Awards: Graduated with distinction (*summa cum laude*).

### **Other Academic Qualifications**

#### **PHD in Computer Information and Telecommunications Technologies 2010**

- Superior School of Communications - Tunisia
- Thesis : "Broadcasting Multicast of Digital TV over IP: Streaming"
- Awards: Graduated with distinction (*summa cum laude*).

## **Master's Degree in Computer Information and Telecommunications Technologies 2006**

-Superior School of Communications - Tunisia

-Thesis : "IP over DVB-T" refers to integrating Internet Protocol (IP) services, including Voice Over Internet Protocol (VOIP), with Digital Video Broadcasting - Terrestrial (DVB-T) technology. This integration enables various IP-based communication services, such as VOIP, to be transmitted over the DVB-T broadcast network, allowing devices that receive DVB-T signals to access these IP services..

-Awards: Graduated with distinction (*summa cum laude*).

## **English language Certificate 2006 - 2007**

Graduate from AMIDEAST English School (Successfully completed levels 4, 6, 7, 8, 9 and 10)

## **Academic Experience**

**-Assistant Professor at the College of Arts, Humanities, and Social Sciences, University of Sharjah, United Arab Emirates, from September 2019 to present.**

Summary of Courses Taught using different pedagogical approaches including online discussion, interactive lectures, group discussion and tutorials:

●**Graduate Level (Master's and PhD) :** Migration Analysis, Applied Social Statistics 1, Statistics for Communication (PhD students – College of Communication), Sociological Readings in English, Training in Applied Sociology, Applied Social Statistics 2, Seminar in Development Planning.

●**Undergraduate Level :** Introduction to Demography, Women and Development, Social Organizations, UAE Society (in Arabic), Economic Sociology, Social Psychology, Social Problems, Arab Society, Migration and Population, Management and Evaluation of Social Institutions, Applied Sociology, Introduction to Social Work, Social Work and Community, UAE Society (in English)

●**Professional Diploma in Control and Inspection:** Module on Statistical Analysis of Control Reports: Center for Continuing Education and Professional Development – September, October 2020

●Supervise and advise students on their independent study/research report.

●Coordinating and presenting faculty development workshops in the College of Arts, Humanities and Social Sciences and in collaboration with the Institute of Leadership in Higher Education

●Act as students' advisor and supervisor for national internship in the College of Arts, Humanities and Social Sciences.

●Collaborate in research activities with colleagues across the colleges in the University.

●Plan and lead professional development workshops and activities.

●Supervision of Graduate level capstone project (dissertation).

**-University Professor at Université Internationale de Tunis, January 2019 – August 2019.**

Summary of Courses Taught using different pedagogical approaches including online

discussion using Skype Professional Version, interactive lectures, group discussion and tutorials :

- Operational research, Statistics & Probabilities, Macroeconomics, introduction to human resources, CISCO Networking.
- Evaluate students' learning and also provide them with regular constructive feedback.

**-Lecturer at the College of Computer Science and Software Engineering, University of Hail, Kingdom of Saudi Arabia, from September 2008 to August 2018.**

Summary of Courses Taught using different pedagogical approaches including online discussion, interactive lectures, group discussion and tutorials :

- Prob & Stat for Engineers, Statistics and Probability, Software Engineering, Java programming, Java 2, Computer Org & Assembly Prog, Database, Operating Systems, Senior Project, Internet Protocols and Client Server, Internet & Web App Development web, Software design & Architecture, Multimedia Systems, Engineering Economics, Human Resource Management, Introduction to Computer Science, Computer Applications 2, ICDL, Internet Protocols and Client Server, Internet & Web App Development web, Software design & Architecture, Computer Architecture, Data & Computer Communication, Computer Networks, Electric Circuits, Fundamentals of Computer Engineering, Microcomputer System Design, System Design Lab, Human Resource Management.
- Teaching French Language to students at the University of Hail: October 2017 – June 2018
- Teaching course: Computer Applications in Accounting for administrative diploma at University of Hail 2017 – 2018.
- Teaching ICDL Diploma for the staff of the College of Arts at the University of Hail: 2016 - 2017
- Evaluate students' learning and also provide them with regular constructive feedback
- Conduct quality research to promote evidence-based educational practice and also support the strategic goals of the University.
- Supervision of Undergraduate level capstone project (dissertation).
- Supervise and advise students on their independent study/research report
- Presenting faculty development workshops on educational process and Quality Assurance requirements as I'm a QA Program Coordinator at the college.
- Plan and lead professional development workshops and activities.

**Lecturer at "Université Centrale, Tunisia " Oct. 2005 – Jul.2007**

- Université Centrale is the top-rated computer-science universities in Africa. As a professor, I was responsible to design my own curriculum and evaluate student performance. I taught courses in statistics, business culture and local networks (LAN). Teaching these courses allowed me to expand upon my own studies, become a more effective leader, and learn to present information in a clear and concise manner.

## Other Duties & Responsibilities

### College and Department Committees:

- Member of the Strategic Plan Committee - Department of Sociology - College of Arts, Humanities, and Social Sciences - University of Sharjah 2022-2023-2024
- Member of the Scheduling Committee - Department of Sociology - College of Arts, Humanities, and Social Sciences - University of Sharjah 2022-2023-2024
- Member of the Academic Advising Committee - Department of Sociology - College of Arts, Humanities, and Social Sciences - University of Sharjah 2021-2022-2023-2024
- Chair and Member of the Academic Accreditation Committee - Department of Sociology - College of Arts, Humanities, and Social Sciences - University of Sharjah 2020-2021-2022-2023-2024
- Member of the Comprehensive Exam and Competency Exam Committee - Department of Sociology - College of Arts, Humanities, and Social Sciences - University of Sharjah 2020-2021-2022-2023
- Member of the Course Development Committee - Department of Sociology - College of Arts, Humanities, and Social Sciences - University of Sharjah 2020-2021-2022-2023
- Chair of the Electronic Exams Committee - Department of Sociology - College of Arts, Humanities, and Social Sciences - University of Sharjah 2020-2021
- Chair of the E-Learning Committee - Department of Sociology - College of Arts, Humanities, and Social Sciences - University of Sharjah 2020-2021-2022-2023-2024
- Chair and Member of the Website Committee - Department of Sociology - College of Arts, Humanities, and Social Sciences - University of Sharjah 2020-2021-2022-2023-2024.
- Member of the College Council - Sociology - Department of Sociology - College of Arts, Humanities, and Social Sciences - University of Sharjah 2020-2021
- Member of the Department Council - Sociology - Department of Sociology - College of Arts, Humanities, and Social Sciences - University of Sharjah 2019-2020, 2020-2021
- Member of the Quality Assurance and Academic Accreditation Committee for the Graduate and Undergraduate's Program - Department of Sociology - College of Arts, Humanities, and Social Sciences - University of Sharjah 2019-2020-2021-2022-2023-2024
- Member of the Course Development Committee for the Bachelor of Arts in Sociology Program - Department of Sociology - College of Arts, Humanities, and Social Sciences - University of Sharjah 2019-2020-2022-2023-2024
- Coordinator of the Social Relations Committee at the College of Computer Science and Engineering – University of Hail from 2014 to 2018
- Coordinator of the Quality Assurance Unit from 2015 to 2018
- Member of the Department Council for 3 years 2016-2017-2018
- Member of the Evaluation Committee in 2016-CCSE 2018
- Member of the Statistics Committee in 2016-CCSE 2018

- Member of the Academic Committee in the Computer Engineering Program 2016-2018
- Member of the Community Services Committee 2016-2018
- Responsible for computers in the laboratories 2016-2017
- Member of the Scientific Research Committee 2016-2017, 2017-2018
- Member of the Quality Assurance Team participating in ABET and NCAAA / ASIC / ASIIN certifications 2015-2016-2017-2018
- QA Program Coordinator (Computer Engineering Program) from March 2016 to 2018.
- Responsible for the computers in a computing lab. In a technical capacity, also responsible for performing maintenance on computer equipment 2016-2017, 2017-2018.
- Member in Scientific Research Committee 2016-2017, 2017-2018.
- Preparing a cultural Journal for the College of Computer Science and Software Engineering in the University of Hail, 2015-2016
- QA Program Coordinator (Computer Science Program) from March 2015 to March 2016.
- Member of the Exams Committee at the College of Computer Science and Engineering – University of Hail 2014-2015 (Responsible member of Examination Committee; to handle all the issues related to exam, and Exam schedule)
- Assistant Head of the Computer Science and Software Engineering Department (CSSE) during 2010-2011.
- Participated with a working group in the design of web site for the College of Health Science in the University of Hail, 2008-2009.
- Preparing a scientific journal for the College of Health Sciences at the University of Hail, 2008-2009.
- Participated via Microsoft Teams in the meeting regarding the academic accreditation visit to review the readiness for remote learning on 06-2020.
- Member of the Student Associations Committee at the College 2019-2020-2021-2022
- Member of the College Performance Indicator Calculation Committee 2020-2021-2022
- Member of the Organizing Committee for the Electronic Scientific Research and Studies Forum at the College, March 2020
- Member of the Organizing Committee for the Conference "Combating Drugs and Rehabilitating Addicts: Practical Experiences and Scientific Approaches" at the College of Arts, Humanities, and Social Sciences, March 2020
- Member of the Academic Advising Office Committee / College of Arts and Humanities / University of Sharjah 2019-2020-2021

#### University Committees:

- Member of the Institutional Effectiveness and Accreditation Council at the University 2022-2023
- Member of the Women's Forum in Scientific Research (Judging Committee) 2021-2022, 2022-2023, 2023-2024

- Member of the E-Teacher Team at the University from January 2020 – 2021-2022-2023-2024
- Member of the Central University Committee for Investigating Cheating Cases from April 2020 - 2021-2022

Participation in Academic Accreditation:

- Member of the Quality Assurance Team participating in NCAAA / ASIC / ASIIN and ABET certifications 2015-2016-2017-2018.
- Worked in the ASIIN accreditation process (2016) as I was the QA Coordinator for the Computer Engineering Program at the College of Computer Science and Software Engineering – University of Hail
- Worked in the NCAAA accreditation process (2016-2017) as I was the quality coordinator for the Computer Engineering Program at the College of Computer Science and Software Engineering – University of Hail
- Worked in the ABET accreditation process (2016-2017) as I was the quality coordinator for the Computer Engineering Program at the College of Computer Science and Software Engineering – University of Hail
- Led the ASIC accreditation process for the Computer Engineering Program at the College of Computer Science and Software Engineering – University of Hail 2017-2018

## Non-Academic Work Experience

➤ **Production Assistant at CINETELEFILMS: March 2008 – August 2008**

Assisted in various production tasks, including coordinating with crew members, managing schedules, and ensuring smooth operation of filming processes.

➤ **Division Manager at Teleperformance, Tunisia Jan. 2007 – Jan. 2008**

Supervisor of a Team in the field (Remote Guidance in Informatics and Communications). Led a team providing remote support in IT and telecommunications, overseeing performance, providing training, troubleshooting technical issues, and assisting customers with their telecommunications needs and ensuring high-quality customer service.

➤ **Internship at Tunisian Radio and Television: Coordination in the Radio and Television Broadcasting Department in Tunisia: July 2006 – December 2006**

While pursuing my Master's Degree in Information Technology and Communications, I interned at the National Broadcasting Corporation. This role provided a unique opportunity to understand the intricacies of information streaming across Tunisia's largest network. I was responsible for ensuring that all radio and television programs were broadcast seamlessly, without audio or video disruptions. My duties spanned all stages of broadcast diffusion and

recombination. This experience at the National Broadcasting Corporation was one of the most educational and rewarding experiences of my career.

➤ **Production Assistant at Empire Production: August 2006 – November 2006**

Supported the production team by managing logistics, coordinating with vendors, and assisting in the setup and breakdown of production equipment.

➤ **Production Assistant at Intervals Events: June 2006 – August 2006**

Assisted in event planning and execution, managed event logistics, coordinated with clients and vendors, and ensured smooth event operations.

➤ **Internship at the International Union of Banks in the Human Resources Management Department: February 2006 – March 2006**

Supported the HR team in various tasks, including employee onboarding, data management.

➤ **Executive Member: Youth Chamber of Commerce, Tunisia Jan. 2005 – Dec. 2006**

The Tunis Youth Chamber of Commerce fosters leadership, philanthropy and entrepreneurship education through micro-business development strategies to benefit youth by providing access to seed capital funds, workshops, business field trips and roundtable discussions. As an executive member, I oversaw a substantial increase in membership and chaired two highly successful conferences: Electronic Commerce, and Professional Development and Employment in Today's High Value Sectors.

➤ **Internship at Digital Services Company in Tunisia: 2004-2005** Gained practical experience in digital services, including software development, IT support, and project management.

➤ **Employee at Tunisia Field, Studies and Marketing Company in Tunisia: 2002-2004** Conducted market research, managed data collection, analyzed results, and supported marketing campaigns and strategies.

➤ **Physiotherapy Assistant at PHYSIO GYM, Physiotherapy Center in Tunisia: 2000-2001**

Assisted physiotherapists in providing patient care, managed therapy schedules, and maintained patient records and equipment.

## Technical Skills

**-Internet of Things**

**-Programming:** C, C++, Programming language design, Visual Basic.

**-Database Creation and Management:** MS Access, Oracle Developer (forms, reports).

**-Web Development and Multimedia:** PHP, MySQL, HTML, Flash, FrontPage, Dreamweaver, Adobe Photoshop.

- Operating Systems:** Linux, UNIX, MS Server 2003, Windows 98, Windows NT, Windows 2000, Windows XP, Windows Vista, Windows 7, Windows 8, Windows 10.
- Calculus:** Linear Algebra, Discrete Mathematics, Statistics, SPSS.
- Data Structure**
- Logic Design**
- System Analysis / Compilers**

## Languages

- Arabic (mother tongue)
- English (advanced written and spoken)
- French (advanced written and spoken)
- Italian (advanced written and spoken)
- Russian (intermediate written and spoken)

## Honors and Distinctions

- Received a Certificate of Appreciation from the Dean of the College of Arts, Humanities, and Social Sciences, University of Sharjah, United Arab Emirates, dated June 3, 2020.
- Received Certificates of Appreciation from the Dean of the College of Arts, Humanities, and Social Sciences for conducting multiple training workshops on e-learning for the faculty members of the college, University of Sharjah, United Arab Emirates, during the academic years 2020-2021, 2021-2022 and 2022-2023.
- Received a Certificate of Appreciation from the Dean, CCSE, UoH 2016-2017.
- Received a Certificate of participation in The 2nd National Computing Colleges Conference. NC3 2017 Hail, Saudi Arabia 22-23 February 2017.
- Received a Certificate of Appreciation from the Dean, CCSE, UoH for Participating in Course builder competition for two courses 2014- 2015 – 2016.
- Awarded “Certificate of Appreciation” from the Vice Dean, CCSE, University of Hail, for showing active involvement in carrying out assigned responsibilities 2015
- Received Certificate of Appreciation from the Dean, CCSE, University of Hail, on participating in Teachers’ education exhibition 2015.
- Certificate of Participation in the International Conference on Recent Advances in Computer Systems (RACS- 2015), Hail. Saudi Arabia, 30th November – 1st December 2015.
- Received Certificate of Appreciation from the Dean, CCSE, UOH for participating in Course builder competition for two courses, 2014.

## Workshops and Trainings

- Attended and conducted several workshops on using the Blackboard system during the academic years 2021-2022 to 2023-2024.
- Participant, Advanced Blackboard e-Teacher certified professional program (Third Stage), June, 2021 – September, 2021

- Facilitator, Selecting and applying game-based platforms to enhance the quality of course delivery & student engagement in online education. Institute of Leadership in Higher Education, University of Sharjah, Sharjah, UAE (January 24th, 2021)
- Attended a discussion session titled "The Importance of Publishing Sciences in Arabic," organized by the Mohammed bin Rashid Al Maktoum Knowledge Foundation, on June 16, 2021.
- Prepared and conducted a training workshop on "Setting Up Online Exams and Resolving Technical Issues on Blackboard," College of Arts, Humanities, and Social Sciences, on April 27, 2021.
- Presenting a workshop titled "How to Add a Second Camera for Online Exam Monitoring Using Zoom," College of Arts, Humanities, and Social Sciences, on April 22, 2021.
- Presenting a workshop titled "How to Add a Second Camera for Online Exam Monitoring Using Zoom," College of Arts, Humanities, and Social Sciences, on April 4, 2021.
- Presenting a workshop titled "How to Add a Second Camera for Online Exam Monitoring Using Zoom and Microsoft Teams," College of Arts, Humanities, and Social Sciences, on March 18, 2021.
- Presenting a workshop titled "Creating Online Exams on Blackboard and Dealing with Technical Issues," College of Arts, Humanities, and Social Sciences, on March 2, 2021.
- Presenting a workshop titled "Setting Up Online Exams on Blackboard and Resolving Technical Issues," College of Arts, Humanities, and Social Sciences, on February 28, 2021.
- Attended a workshop titled "The Concept of Scientific Research: Its Importance and Objectives," University of Sharjah, Al Dhaid Branch, on February 25, 2021.
- Presenting a workshop titled "The Use of Means and Tools to Enhance Student Participation in the Educational Process," College of Arts, Humanities, and Social Sciences, on February 21, 2021.
- Presenting a workshop titled "How to Create Breakout Groups in Blackboard Collaborate," College of Arts, Humanities, and Social Sciences, on February 20, 2021.
- Presenting a workshop titled "Using Means and Tools to Enhance Student Participation in the Educational Process," College of Arts, Humanities, and Social Sciences, on February 19, 2021.
- Attended a workshop titled "An Integrative Learning Experience: The Backward Course Design Model," Institute of Leadership, University of Sharjah, on February 18, 2021.
- Presenting a workshop titled "How to Divide Students and Create Groups on Blackboard," College of Arts, Humanities, and Social Sciences, on February 18, 2021.
- Attended a workshop titled "Integrative Learning Experience: Backward Course Design Model," Institute of Leadership, University of Sharjah, on February 14, 2021.
- Attended a workshop titled "Research and Graduate Studies: When Should I Stop Doing Research?" University of Sharjah, on February 7, 2021.
- Attended a workshop titled "Post Awards: Research Funding Opportunities, Grants, and Guidelines," University of Sharjah, on January 31, 2021.
- Attended a 40-hour Blackboard training course on "Designing Digital Teaching and Learning" from January 31, 2021, to February 2, 2021.
- Attended a workshop titled "Practical Training on Educational Games to Enhance Teaching Quality and Student Engagement in Online Classes," Institute of Leadership, University of Sharjah, on January 28, 2021.
- Attended a workshop titled "Hands-On Educational Games to Strengthen the Quality of Course Delivery and Student Engagement in Online Classes," Institute of Leadership, University of Sharjah, on January 24, 2021.
- Participant, Blackboard e-Teacher certified professional program (Second Stage), June – July,

2020

- Participant, Blackboard e-Teacher certified professional program (First Stage), December, 2019 – January, 2020
- Attended a workshop titled "Managing Online Exams and Addressing Technical Issues - 3," Computing Department, University of Sharjah, on December 14, 2020.
- Prepared and conducted a training workshop on "How to Link Task Stream to Blackboard," College of Arts, Humanities, and Social Sciences, on January 12, 2021.
- Attended a workshop titled "Distance Learning Amid COVID-19 Challenges," University of Sharjah, Al Dhaid Branch, on December 7, 2020.
- Attended a workshop titled "Standards for Scientific Journals Affiliation with Scopus," University of Basra, Center for Teaching and University Training Methods Development, on December 1, 2020.
- Attended a workshop titled "Managing Online Exams and Addressing Technical Issues - 2," Computing Department, University of Sharjah, on November 30, 2020.
- Attended a workshop titled "Managing Online Exams and Addressing Technical Issues - 1," Computing Department, University of Sharjah, on November 29, 2020.
- Attended a workshop titled "Scientific Research and Community, Media, and Administrative Partnerships," Institute of Humanities and Social Sciences Research, University of Sharjah, on November 26, 2020.
- Attended a workshop titled "COVID-19 Projections for the Middle East: Epidemiology and Biostatistics," University of Sharjah, on November 24, 2020.
- Attended a workshop titled "Bullying in the School Environment: Factors, Effects, and Coping Strategies," University of Sharjah, Al Dhaid Branch, on November 19, 2020.
- Attended a workshop titled "Managing Interactive Lectures and Available Options," on November 12, 2020.
- Attended a workshop titled "The Power and Challenges of Interdisciplinary Research," on November 1, 2020.
- Attended a workshop titled "Research Projects in Arts, Humanities, and Social Sciences," on October 26, 2020.
- Presenting a workshop titled "Effective Student Engagement in the Educational Process During Times of Change and Transition," in collaboration with the Institute of Leadership in Higher Education, on October 22, 2020.
- Attended a workshop titled "Research Ethics in Humanities and Social Sciences," on October 18, 2020.
- Attended a workshop titled "Successful Online Exams Experiences: Perspectives of Faculty Members," on October 13, 2020.
- Attended a workshop titled "Boost Your Mental Health Amid the COVID-19 Pandemic," on October 13, 2020.
- Attended a workshop titled "Pre-Award: Research Funding Opportunities – Grants and Guidelines," on October 11, 2020.
- Attended the 5th Research Café Talk titled "Creativity for the Fourth Industrial Revolution," on October 4, 2020.
- Presenting a workshop titled "Blackboard Skills," College of Arts, Humanities, and Social Sciences, on October 1, 2020.
- Presenting a workshop titled "Creating and Implementing Online Assignments and Exams in Blackboard," College of Arts, Humanities, and Social Sciences, on September 26, 2020.

- Attended a scientific symposium titled "Blended Learning," Tikrit University – College of Petroleum Operations Engineering, on September 17, 2020.
- Attended the training program "A Cohesive Family ... A Safe Society" as part of the National Family Campaign on September 14, 2020.
- Presenting a workshop for new faculty titled "How to Use Blackboard," College of Arts, Humanities, and Social Sciences, on September 3, 2020.
- Presenting a workshop for new faculty titled "How to Use Blackboard," College of Arts, Humanities, and Social Sciences, on September 1, 2020.
- Presenting a workshop titled "How to Create Online Exams Without Using the Question Pool," on June 18, 2020.
- Attended a virtual discussion session on "Life After COVID-19: Future Skills and Professions," on June 17, 2020.
- Attended an online scientific seminar titled "The Legal Dimensions of the COVID-19 Pandemic and Its Effects," on June 17, 2020.
- Attended an online lecture titled "COVID-19 and Social Distancing: Awareness and Prevention," on June 16, 2020.
- Attended a training workshop on "Blended Learning," on June 11, 2020.
- Prepared and conducted a training workshop on "Creating and Grading Online Assignments and Exams," on June 6, 2020.
- Presenting a workshop titled "How to Link Task Stream with Blackboard," on June 4, 2020.
- Presenting a workshop titled "How to Create an Interactive Lecture on Blackboard Ultra," on June 3, 2020.
- Attended a training workshop titled "Banner 9 Discovery," on May 13, 2020.
- Attended a training workshop on "How to Link Course Content in Blackboard with the Electronic Course File," on May 11, 2020.
- Presenting a workshop titled "How to Add a Grade Column in Blackboard's Grade Center," on April 25, 2020.
- Attended a training workshop on "Solving Problems Faced by Faculty in Trial Exams," on April 22, 2020.
- Attended a training workshop on "LockDown Browser and Respondus Monitor," on April 20, 2020.
- Attended a training workshop on "How to Create Online Exams in English," on April 14, 2020.
- Presenting a workshop titled "How to Create Online Exams in Arabic," on April 13, 2020.
- Presenting a workshop titled "How to Create Online Exams in Arabic," on April 11, 2020.
- Attended a training workshop on "Cascade Users – Introductory Training Session," on January 28, 2020.
- Facilitator, Design and Implementation of Blended Learning, College of Arts, Humanities and Social Sciences, & Institute of Leadership in Higher Education, University of Sharjah, Sharjah, UAE (October 10, 2019)
- Attended a course on "Blended and Flipped Learning" at the Institute of Leadership in Higher Education, University of Sharjah, on November 17, 2019.
- Attended a workshop on "Blended Learning" at the Institute of Leadership in Higher Education, University of Sharjah, on October 10, 2019.
- Attended a workshop on "Active Learning and Flipped Classrooms," University of Sharjah, on October 3, 2019.
- Presenting a quality assurance workshop on "Program Description, Program Report, Course

Description, Course Report, and Field Experience Report," Deanship of Quality and Development, University of Hail, on October 20, 2016.

- Presenting a workshop on "Technical Support from the Deanship of Quality Assurance," University of Hail, Hail, Saudi Arabia, on April 7, 2016.
- Presenting a quality assurance workshop on "Course Report and Course File," University of Hail, Saudi Arabia, on February 1, 2016.
- Presenting a quality assurance workshop on "Course Description and Program Matrix," University of Hail, Saudi Arabia, on January 26, 2016.
- Presenting a quality assurance workshop on "Course Description, Learning Outcomes, and Exam Paper Standards," University of Hail, on November 1, 2015.
- Presenting a workshop on "Web Development," University of Hail, on May 1, 2015.
- Presenting a workshop on "Scientific Research," University of Hail, on April 2, 2015.
- Presenting a workshop on Program Specification, Program Report, Course Specification, Course Report and Field Experience Report , DQA, University of Hail, 20.10.16.
- Workshop on technical support by Deanship of Quality Assurance, University of Hail, HAIL, KSA, 7.4.2016.
- Quality Workshop on course report & course file, university of hail, KSA, 1.2.2016.
- Quality Workshop on course specification & program matrix, university of hail, KSA, 26.1.2016.
- Quality Workshop on ILO's Course Specification and exam paper standards, University of Hail, 1.11.2015.
- Presenting a workshop on Web Development & Security, University of Hail, 1.5.15.
- Presenting a workshop on Scientific Research workshop, University of Hail, 2.4.15.
- Presenting a workshop on Technical PowerPoint presentation skills (speaker), University of Hail, Hail, KSA, 2014.

## Scientific Research

### Research Interests:

Importance of Statistics, Statistics and Probability, Statistical Analysis of Data, Demography and Sociology, Importance of Statistics and its Interdisciplinary Relationships, Importance of Statistics in Scientific and Applied Fields, Women and Development Areas, Population Studies and Migration, Educational Technology and Learning, Impact of Modern Technologies on Children, Family and Society, Family structure and its impact on child well-being, Gender disparities in educational attainment and employment outcomes, Women's empowerment and its effects on demographic trends...

### Funded Research Projects:

- **SEED Grant**, University of Sharjah, Title: "The reality of using Blackboard by faculty members and students at the College of Arts, Humanities and Social Sciences at University of Sharjah" (2020-2021-2022)
- **Member of a research group** funded by the University of Sharjah: Title: "Technology-based Learning and Education" (2020-2021-2022-2023)
- **Member of a research group** funded by the University of Sharjah in collaboration with the Institute of Humanities and Social Sciences Research: Title: "Parents' awareness of home safety

and mechanisms to reduce child accidents" (2020-2021-2022-2023)

- **Member of a research group** funded by the University of Sharjah in collaboration with the Institute of Humanities and Social Sciences Research. Title: "Utilization of virtual learning environments in enhancing the educational process at the University of Sharjah" (2020-2021-2022-2023)
- Kamel. S., Boubaker. S. & **Hamdi, W. B.** "Scheduling Jobs on Cloud Computing Using Metaheuristics". Funded project 2017-2018.
- **Hamdi, W. B.** & Kamel. S., "The reality of using Blackboard by faculty members and students at Hail University". Funded Project 2017-2018.

## **Publications :**

### **▪Journal Articles**

- **Hamdi, W. B.** (2024). Digital Sociology: Sociological imagination and social agency in the context of a digital networked environment. <http://dx.doi.org/10.47832/2757-5403.25> IJEHAR - Remar Academic Journal.
- **Hamdi W.B** et al. (2024). The Double Burden: Socioeconomic Effects of COVID-19 on Migrant Workers in the Gulf Cooperation Council and North African Arab Countries. Journal of International Migration and Integration. Springer ( Scopus, Q1) (In Process).
- **Hamdi W.B** et al. (2024). Trust and Social Engineering: A Sociological Analytical Reading of the Dimensions of Social Engineering. Innovation: The European Journal Of Social Science Research Journal ( Scopus, Q1) (In Process).
- **Hamdi W.B** et al. (2024). Unveiling the Impact of Volunteer Work on Social Values Among Emirati Youth: An Empirical Study. Voluntary Sector Review. ( Scopus, Q2) (In Process).
- **Hamdi W.B** et al. (2024). Psychological and Social Challenges of Women Healthcare Workers in UAE during COVID-19. Emerging Science Letters. ( Scopus, Q1).
- **Hamdi W.B,** Aderibigbe SA, Idriz M, Alghfeli MM.(2024) Faith in Humanity: Religious Charitable Organizations Solidarity towards Migrants in the United Arab Emirates. Religions. 15(3):266. <https://doi.org/10.3390/rel15030266> (Scopus, Q1)
- **Hamdi, W.B.,** F. Algharbawi, A. J. Nashwan, N. Alkarbi, L. Labidi. (2023). Faculty Members' Perspectives on the Impact of Educational Technology on the Teaching and Learning Process at the University of Sharjah. Information Sciences Letter (Scopus Q2).
- **Hamdi, W.B.,** L. Labidi. (2023). The Evolving Role of the university professor Navigating the past and the present. Information Sciences Letter (Scopus Q2).
- Aderibigbe, S., Idriz, M., Alzouebi, K., AlOthman , H., **Hamdi, W.B.,** & Companioni, A. A. (2023). Fostering Tolerance and Respect for Diversity through the Fundamentals of Islamic Education. Religions MDPI Journal (Scopus, Q1).
- Aderibigbe, S. & **Hamdi, W.B.** (2022). Understanding Students' Perceptions of Social Computing and Online Tools to Enhance University Elective Course Delivery. PLOS ONE Journal (Scopus, Q1).
- Radi, A. & **Hamdi, W.B.** (2022). The impact of institutional excellence on social development in the United Arab Emirates: An analytical study. College of Arts, Baghdad University, Al-Adab Journal.
- Alteneiji, B. & **Hamdi, W.B.** (2022). The impact of domestic violence on deviant behavior among preparatory stage students from the perspective of parents. College of Arts, Baghdad University, Al-Adab Journal.

- **Hamdi, W.B.** & Algharbawi, F. (2021). COVID-19's Impact on Distance Learning: Case Study of University of Sharjah Students. The PalArch's Journal of Archaeology of Egypt- PALARCH. (Scopus, Q3).
- **Hamdi, W.B.**, AlOthman, H. & Algharbawi, F. (2021). Socialization Patterns and construction of a personal identity in United Arab Emirates family. Case study : Students at University Of Sharjah. The PalArch's Journal of Archaeology of Egypt- PALARCH. (Scopus, Q3).
- **Hamdi, W. B.** & Algharbawi, F. (2021). The societal views on addiction recovery in UAE society: A perspective study of community members' opinions on addiction recoveries. Baghdad University, College of Arts, Al-Adab Journal.
- **Hamdi, W. B.** (2021). The reality of blended e-learning in Arab universities: A case study on students of the University of Sharjah in the UAE and students of Hail University in Saudi Arabia (comparative analytical study). College of Arts, Baghdad University, Al-Adab Journal.
- **Hamdi, W. B.** (2021). The impact of social media networks on marital relationships in Ras Al Khaimah Emirate. Al-Mustansiriya Journal, College of Arts, Al-Mustansiriya University.
- **Hamdi, W. B.** & Algharbawi, F. (2021). Societal Perceptions of Addiction Recovery in the UAE: A Survey of Community Opinions. Arab Journal of Sociology - Cairo University.
- **Hamdi, W.B.** & Algharbawi, F. (2020). The situation of special needs and strategies for empowering people with disabilities at different stages in the United Arab Emirates: A case study. University of Sharjah, Arab Journal of Sociology - Cairo University
- **Hamdi, W.B.** & Algharbawi, F. (2020). The effectiveness of blended learning from the perspective of University of Sharjah students in light of university policies and strategies. College of Arts, Baghdad University, Al-Adab Journal, Issue 135.
- **Hamdi, W.B.** (2017). Hail University learners' attitudes towards blended learning (BL). Journal of Scientific and Engineering Research (JSAER), March 2017, ISSN: 2394 – 2630, CODEN (USA): JSERBR, Vol. 4, Issue 3.
- **Hamdi, W. B.** (2017). Data transport model over ATM. Journal of Scientific and Engineering Research (JSAER), March 2017, ISSN: 2394–2630, CODEN (USA): JSERBR, Vol.4, Issue 3.

### ▪ Books

- **Hamdi, W. B.** Statistics and Probability. LAP LAMBERT Academic Publishing – Germany. **February 2024** (Book in process)
- **Hamdi, W. B.** La diffusion multicast de la TV numérique sur IP : Streaming. Presses Académiques. May 2024 (Book in process)
- **Hamdi, W. B.** Mutations démographiques, formation, emploi et employabilité des femmes cadres en Tunisie. Presses Académiques. May 2024 (Book in process)
- **Hamdi, W. B.** (2013). The broadcasting multicast of the digital TV on IP : The Streaming. LAP LAMBERT Academic Publishing – Germany.

### ▪ Conferences

- **Hamdi, W.B.** Chairing the session and participating with a research paper titled "Sociological Imagination and Social Agency in the Context of a Networked Digital Environment" at the First Century of Social Sciences Conference in Istanbul in December 2023.

- **Hamdi, W.B.** Participating with a research paper titled "Social Coping Mechanisms for Drug Prevention" at the College of Arts, Humanities, and Social Sciences Prevention Week under the theme "Protecting Our Community is a Shared Responsibility" – University of Sharjah – from November 6 to 9, 2023.
- **Hamdi, W.B.** Participating with a research paper titled "Community Perspective on Recovering Addicts in Emirati Society" at the First International Virtual Conference in the College of Arts, Humanities, and Social Sciences titled "Combating Drugs and Rehabilitating Addicts: Practical Experiences and Scientific Approaches" – University of Sharjah – on February 22 and 23, 2021.
- **Hamdi, W.B.** Participating with a research paper titled "Effectiveness of Blended Learning from the Perspective of University of Sharjah Female Students in Light of the University's Policies and Strategies" at the Electronic Scientific Forum for Research and Studies in the College of Arts, Humanities, and Social Sciences titled "Effectiveness of Blended Learning from the Perspective of University of Sharjah Female Students in Light of the University's Policies and Strategies" – University of Sharjah – on April 16, 2020.
- **Hamdi, W.B.** Organizing Special session in **International Conference on Communication, Management and Information Technology (ICCMIT 2018)** organized by the Universal Society for Applied Research (USAR), Special Session ID: Saudi Arabia Special Session ICCMIT'18 Number 10 Titled: Special Session: Services, and Applications for Cloud Computing and Big Data (AIIR2018) (April 2-4, 2017) in Madrid, Spain .
- **Hamdi, W.B.** Organizing Special session in **INDIACom – 2018, 12th INDIA.Com; 2018 05th International Conference on Computing for Sustainable Global Development** (14th – 16th March, 2018) technically Sponsored by IEEE Delhi Section. Session.
- **Hamdi, W.B.**, “Experience for creating an internal regime to compare the performance indicators of Academic Programs at the College Of Computer Science and Engineering at University Of Hail , Kingdom Of Saudi Arabia”, A paper presented at Conference on Quality Assurance at University of Hail , April 2018.
- **Hamdi, W.B.** The contribution of E-Learning in ensuring the quality of education at University of Hail, kingdom of Saudi Arabia. A paper presented at the Conference on Quality Assurance at University of Hail , April 2017.
- **Hamdi, W.B.** Quality Assurance and Accreditation at the College Of Computer Science and Engineering (CCSE) at University Of Hail , Kingdom Of Saudi Arabia. . A paper presented at Conference on Quality Assurance at University of Hail , April 2017.
- **Hamdi, W.B.** Hail University Learners’ Attitudes towards Blended Learning (BL)”. A paper presented at The 2nd National Computing Colleges Conference .NC3 2017 Hail, Saudi Arabia 22-23 February 2017
- Participating in **The 2nd National Computing Colleges Conference. NC3 2017** Hail, Saudi Arabia 22-23 February 2017.
- **Hamdi, W.B.** Evolution démographique et santé : Etude de cas : district de Tunis. A paper presented at a Conference in the Faculty of Human and Social Sciences of Tunis. December 2010.
- **Hamdi, W.B.** AIDS and its impact on the family and society in Tunisia. A paper presented at a Conference in the Faculty of Human and Social Sciences of Tunis. February 2010.
- **Hamdi, W.B.** Demographics graduates of the Faculty of Human and Social Sciences in Tunisia:

prospects of integration. A paper presented at a Conference in the Faculty of Human and Social Sciences of Tunis. December 2009.

- **Hamdi, W.B.** People and employment in Tunisia. A paper presented at a Conference in the Faculty of Human and Social Sciences of Tunis FSHS – Tunisia. November 2008.

- **Hamdi, W.B.** Multimedia and Information Visualization: Multimedia content distribution. A paper presented at a Conference in the Superior School of Communication of Tunis. (December 2007).

- **Hamdi, W.B.** Chairing the session and presenting a paper titled “Professional Development and Employment in Today's High Value Sectors” in a conference with with The Tunis Youth Chamber of Commerce. (2006)

- **Hamdi, W.B.** Chairing the session and presenting a paper titled “E-Commerce” in a conference with The Tunis Youth Chamber of Commerce. (2005),

## Research Editorial Services

- Reviewer, Global Media and Communication. Sage 2023-2024
- Reviewer, Algerian Journal of Research and Studies ASJP: 2020 – 2021- 2022 – 2023 – 2024
- Reviewer, Al-Adab Journal. Baghdad University. 2020 - 2021, 2021 – 2022, 2022-2023
- Reviewer, University of Sharjah Journal of Humanities and Social Sciences. 2022 – 2023
- Member Editorial Boards :
  - IRES 2017 – Thailand – reviewer : [www.iresconf.org/special-session.html](http://www.iresconf.org/special-session.html).
  - Spain Madrid – April 2017 – Spain :  
[https://www.iccmit.net/ssessions/ten/new/SPAIN%20April%202-4%202018%20Con%20proposal%20FOR%20CONF%20WEBSITE\(1\).docx](https://www.iccmit.net/ssessions/ten/new/SPAIN%20April%202-4%202018%20Con%20proposal%20FOR%20CONF%20WEBSITE(1).docx)
- Member of the Scientific Committee and Computer Support Committee in *The Arabic Journal for Quality, Best Practices and Excellence – AJQBPE* – Since April 2011:  
Duties include:
  - Pledges of the magazine and publishing policy.
  - Helping specialists from researchers to communicate with the commission which ensures the publication of the research via regular mail or its web site and streamline deployment and arbitration research sent to the magazine and the communication between the members of the jury commission.

## Projects and Dissertation Supervised and Examined

- Graduate (Masters Level) – Supervision: 6
- Undergraduate – Between 80 and 100

## Some Projects and dissertation guided and supervised for graduate and undergraduate students:

- ❖ **Assessing Social Adaptation Among the Elderly in Sharjah: A Social Field Study**  
(Graduate student - Dissertation)

- ❖ **The impact of institutional excellence on social development in the United Arab Emirates: An analytical study** (Graduate student - Dissertation)
- ❖ **The impact of domestic violence on deviant behavior among preparatory stage students from the perspective of parents** (Graduate student - Dissertation)
- ❖ **“Humidity and Temperature Measurement using Arduino”** for a group of 4 COE students from COOP in 1701
- ❖ **“Home automation : Controlling devices in a short distance using Arduino”** for a COE student from COOP in 1701
- ❖ **“Clap Switch”** for a group of 5 COE students from COOP in 1502.
- ❖ **“Converting a Calculator to an Advanced Counter”** for a group of 5 students in COE 308 as course output for CS day & QA student competition in 1502.
- ❖ **“Immersive virtual reality in mobile”** for a group of 3 students in COE 308 as course output for CS day & QA student competition in 1502.
- ❖ **“Solar Cell Technology”** for a student in COE 308 as course output for CS day & QA student competition in 1502.
- ❖ **“Electrical car control” using Xilinx** for a group of 3 students in COE 200 as course output for CS day in 1502.
- ❖ **“Automatic Temperature Control” using Proteus** for a group of 5 students in COE 308 as course output for CS day in 1502.
- ❖ **“Embedded System Technology”** for a group of 3 students as course output for CS day in 1502.
- ❖ **“Water level indicator”** using **Xilinx SPARTAN 3E FPGA board**, for a group of 3 COE students, 1501, UOH, Hail, KSA.
- ❖ **“Email Website”** using **Visual studio** , Senior Project Advisor for a group of 5 CS students, 1402, UOH, Hai’l, KSA.
- ❖ **“Wireless Networks”** using **Cisco Packet Tracer** advisor for a group of 4 students in COOP, 1402.
- ❖ **“Email Application”** using **Cisco Packet Tracer** guide for 2 COE students in COOP, 1401, UOH, Hai’l , KSA.
- ❖ **“Digital Thermometer”** using **Proteus Simulator**, guide for a student in COOP , 1302, UOH , Hai’l, KSA
- ❖ **“Client Server Application in Java”** ICS 411 Senior Project guide for a group of 5 students , 1302, UOH , Hai’l, KSA
- ❖ **“LED Binary Counter”** using **Proteus Simulator**, guide for a student in COOP, 1301,UOH , Hai’l, KSA

## Referees

1. Dr. Ikleel Osman Hamed Elmahdi  
 Vice Dean – University Of Hail,  
 Kingdom of Saudi Arabia  
 Email : [i.elmahdi@uoh.edu.sa](mailto:i.elmahdi@uoh.edu.sa)

2. Dr. Kusum Yadav  
 Associate Professor & Coordinator of Scientific Research Committee – University of Hail  
 Kingdom of Saudi Arabia  
 Email : [kusumasyadav0@gmail.com](mailto:kusumasyadav0@gmail.com)

3. Dr. Khaled Sultan  
Associate Professor and Quality Assurance Coordinator – University of Hail  
Kingdom of Saudi Arabia  
Email : [kha.sultan@gmail.com](mailto:kha.sultan@gmail.com)