

CV

Name: Wasfi Taher Saalih Kahwachi

Date of Birth: 13/03/1960

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Education:

1. Ph.D. In Statistics and Digital Image Processing, Baghdad University, Baghdad – IRAQ 2000.
The first among 17
2. M.Sc. in Statistics, Baghdad University, Baghdad – IRAQ, 1988.
The first among 23
3. B.Sc. in Statistics,
Salahaddin University, Erbil – IRAQ, 1982.
The eighth among 33

Employment:

1. Research Center Director, Tish International University, Erbil, from August 2021 and still.

Responsibilities: work with a team of faculties coordinators to plan research objectives and test parameters. Researchers monitoring the project to make sure it follows the requirements and standards. Determine areas of research to increase knowledge in a particular field. Identify sources of funding, prepare research proposals and submit funding applications. Plan and perform experiments and surveys. Supporting the collection, record and analyze of data. Supporting I the interpretation of data analysis results and supporting drawing inferences and conclusions. Present research results to committee. Use research results to write reports, papers and reviews and present findings in journals and conferences. Collaborate with research teams, industry stakeholders and government agencies.

2. Admin. Fin. Vice President, Tishk International University, Erbil from 2017 till August 2021.

Responsibilities: Assisting the president and the university council to design the university's overall mission, values, and strategic goals. Attending meetings with the board of directors and sharing company information. Leading, guiding, directing, and evaluating the work of other employees, such as managers, and ensuring a healthy working Environment. Contributing to strategic development, and the profitability of the university as determined by the university's strategic goals.

Evaluating the success of the university in achieving its goals and formulating plans to correct any issues if the university is not achieving its goals. Managing the daily operations and revenue generation of the university and ensuring its continual growth. Assisting in maximizing the university's operating performance and achieving its financial goals. Assisting in managing the university's finances, identifying ways to increase revenue and decrease costs, analyzing financial reports, and preparing operating budgets. Signing documents and making commitments for which the company is legally liable. Maintaining awareness of competitors, expansion opportunities, markets, and new department developments and standards.

3. Statistics Asst. Prof. in Admin. & Econ. College, Salahaddin University from 2015-2017.

As a university professor is to distinguish ourselves, to add value to the college and the educational experiences of the students. As such, duties include, but are not limited to:

- Applying the scientific method to all disciplines within the field
- Building a course curriculum
- Preparing course syllabi
- Mentoring students
- Presenting lectures
- Creating supplemental instructional materials
- Accurately evaluating students' progress
- Grading
- Staying current on the subject material
- Researching and publishing
- Presenting research
- Leading and directing research in a specific field
- Conducting research, fieldwork, and investigations, and writing up reports. Participating in committee, departmental, and faculty meetings.
- Providing training and mentoring to teaching assistants and junior lecturers
- Reviewing methods and teaching materials and making recommendations for improvement.
- Assisting with student recruitment, interviews, and academic counseling sessions.
- Contributing to the creation of an environment that promotes growth, equality, and freedom of speech

4. Dean of the College of Administration and Economics, Salahaddin University, from Oct. the 2nd 2010 till 26th November 2015.

As a dean as we know deans are academic leaders who have academic, programmatic, managerial, and fiscal responsibilities for a college. Deans verify the adequacy of instruction, monitor academic integrity, confer degrees, and are responsible for student admission, and academic progress. The responsibility for the ethical conduct of research and for establishing and maintaining a culture of compliance and integrity among faculty, staff, and students. To provide local direction and resources for the education, training, and implementation of regulations and university and sponsoring agency policies and procedures.

Deans report to the university president and work closely with the university, the vice president for admin. & finance, the vice president for academic affairs, and vice president for student's affairs, to maintain accountability, resolve any significant issues of noncompliance, and reduce the risk of future occurrences.

Some general responsibilities:

- Provides direction, resources, and oversight to help ensure that the college administers sponsored research and related activities in accordance with applicable regulations and university procedures.
- Provides direction, resources, and oversight to help ensure that all key personnel complete and comply with required education and meet annual training requirements in accordance with the regulations and university procedures.
- Supports and endorses cooperation with university compliance and monitoring efforts related to administration and reports instances of noncompliance to the appropriate compliance offices.
- Supports and endorses development and implementation of policies and procedures to help ensure proposal preparation, review, approval, and submission in accordance with federal regulations and university and sponsoring agency policies and procedures.
- Negotiating university support and allocating college resources based on research needs and academic program priorities.
- Providing direction, resources, and oversighting to help ensure that research protocols are in compliance with the regulations and university procedures.
- Negotiating and approving requests for non-standard terms and expenses with department head in accordance with the regulations and university procedures
- Providing direction, resources, and oversight to help ensure that research is conducted in accordance with the regulations and university procedures.
- Promoting ethical conduct in all aspects of the research process including but not limited to the treatment of human subjects,

conflicts of interest, data acquisition, management, sharing and ownership, publication practices, responsible authorship, and collaborative research and reporting.

- Promoting the ethical conduct of research by reporting good faith suspicions of misconduct in research as defined within the university's research policy and other misconduct as described in Salahaddin university's code of conduct
- Providing direction, resources, and oversight to help secure appropriate facilities and administrative (F&A) cost rates for the university.
- Overseeing application of correct F&A cost rate for all projects within the college.
- Providing direction, resources, and oversight to help ensure that equipment is managed in accordance with applicable regulations and university procedures.
- Allocating space to departments, and centers within the college based on research needs and academic program priorities.
- Providing direction and resources to assure that space is managed in accordance with the regulations and university procedures.
- Providing direction, resources, and oversight to maintain and administer service centers in accordance with the regulations and university procedures.
- Providing direction, resources, and oversight to help ensure the timely submission of technical, progress, and compliance reporting requirements in accordance with the regulations and university procedures.
- Providing direction, resources, and oversight to help ensure the timely submission of accurate and timely closeout documents to applicable agencies, university entities, in accordance with federal regulations and university procedures.
- Providing direction, resources, and oversight to help ensure that project funds are managed in accordance with the regulations and university procedures
- Providing college oversight for federal costing regulations by identifying direct and indirect costs
- Supports and endorses cooperation with university compliance and monitoring efforts related to financial management and reports instances of noncompliance to the appropriate compliance office.
- Providing direction, resources, and oversight to help ensure that all cost sharing obligations and expenditures are met in accordance with the regulations and university procedures.
- Allocating department voluntary cost-sharing resources. Approves all sources of cost sharing and matching funds within the college.

- Providing departments with a mandatory salary cost-sharing budget
- Providing direction and resources to assure all cost transfer obligations are met in accordance with the regulations and university financial procedures.
- Providing direction, resources, and oversight to help ensure the timely submission of technical, progress, and compliance reporting requirements in accordance with the regulations and university procedures.
- Identifying and/or approving funds to cover cost overruns not identified at the departmental level.
- Providing direction, resources, and oversight to help ensure the timely submission of accurate and timely closeout documents to applicable university entities, in accordance with the regulations and university procedures.
- Providing direction, resources, and oversight to help ensure the accurate reporting of effort in accordance with the regulations and university procedures
- Requiring that all faculty and key personnel involved in the reporting of effort complete and comply with the required education and meet annual training requirements in accordance with the regulations and university procedures.
- Supporting and endorsing cooperation with university compliance and monitoring efforts related to effort reporting and reports instances of noncompliance to the appropriate compliance office.
- Taking appropriate steps to avoid conflicts of interest, or the appearance of conflicts of interest, between financial or other personal interests and the goals and policies of the university.
- Complying with and directs department faculty and personnel to comply with applicable college, and university conflict of interest policies and procedures.
- Disclosing all significant financial conflicts of interest to the appropriate entities in compliance with recommended management strategies.
- Supporting and endorsing cooperation with university compliance and monitoring efforts related to conflicts of interest and reports instances of noncompliance to the appropriate entities.
- Providing direction, resources, and oversight to help ensure the protection of the rights and welfare of human participants involved in research in accordance with the regulations and university procedures
- Requiring all faculty and key personnel involved in human participant research have completed and comply with the

required education for the protection of human participants in accordance with the regulations and university policies and procedures.

- Supporting and endorsing cooperation with university compliance and monitoring efforts related to human participant research and reports instances of noncompliance to the appropriate office.
- Providing direction, resources, and oversight to help ensure the preparation of scientific proposals in accordance with the regulations and university policies and procedures.
- Providing direction, resources, and oversight to help ensure that human research protocols comply with the regulations and university policies and procedures.
- Requiring that protocol complies with the terms and conditions of the award and that the protocol approval is in place prior to acceptance of award and the start of research.
- Providing direction, resources, and oversight to help ensure that research is conducted in accordance with the regulations and university policies and procedures.
- Promoting the ethical conduct of research by reporting good faith suspicions of misconduct in research as defined within the university's Research Policy and other misconduct as described in Salahaddin University's Code of Conduct.
- Providing direction, resources, and oversight to help ensure adherence to the regulations and university policies and procedures instituted to safeguard protected health information
- Overseeing that all faculty and personnel complete the appropriate level of training regarding access, use, and disclosure of protected health information in accordance with the regulations and university policies and procedures.
- Supporting and endorsing cooperation with university compliance and monitoring efforts related to the access, use, and disclosure of protected health information reports instances of noncompliance to the appropriate compliance office.
- Requiring prompt reporting of any unanticipated problems involving risks to research participants or others to the university.
- Providing direction, resources, and oversight to help ensure the timely fulfillment of technical, progress, and compliance reporting requirements in accordance with the regulations and university policies and procedures.
- Providing direction, resources, and oversight to help ensure the submission of accurate and timely closeout documents to applicable agencies, and university entities, in accordance with the regulations and university policies and procedures.

- Providing direction, resources, and oversight to help ensure that appropriate documentation for the study is secured and maintained in accordance with the regulations and university policies and procedures.
5. Acting Dean during the delegation of Mr. Dean to Germany 2009.
 6. Statistics Department member – College of Administration and Economics, Salahaddin University. 17-06-1989.
 7. Head of Statistics Department March 2009, and Oct. 2010.

Academic departments at Salahaddin university occupy a central place in carrying out the university's teaching, research and services missions. Effective leadership of departments is therefore of critical importance. The head is responsible for initiating policy discussions within the department and, with the dean's concurrence, for implementation of department policies. Such policies are always directed toward the accomplishment of university goals. Further, the department head is encouraging the faculty to share responsibility both for making departmental decisions and for implementing the results of those decisions.

The roles and responsibilities of the head are carried out with appropriate faculty consultation, both as provided through formal university policies and departmental procedures and also through informal discussions in departmental meetings or through personal interaction.

1. Academic Leadership:

The ability to exhibit leadership is of fundamental importance to a successful head. Four areas in which or through which this leadership is required are: faculty quality, statesmanship; instructional programs; and student affairs.

A. Faculty Quality

- Participating in the recruitment, employment and orientation of new faculty; including demonstrating a commitment to the affirmative action goals of the university.
- Encouraging and facilitating professional development through activities such as suggesting funding sources, discussing research ideas, and urging attendance at professional meetings and workshops

- Providing appropriate opportunities for faculty to participate in department affairs.
- Evaluating faculty on a regular and continuing basis in the areas of teaching, research and service with appropriate recommendations for improvement, particularly for untenured faculty.
- Creating a forum through which faculty can express ideas freely, thus promoting productive discussions among the departmental faculty members.
- Making informed documented recommendations concerning faculty retention, promotion, tenure and annual salary increments, the outcomes of which will be intended to serve the best interest of the department as a whole.
- Encouraging university and community service activities appropriate for faculty participation.
- B. Communication and Representing the Department within the University
- Providing a communication link between and among the faculty and the other levels of administration.
- Communicating accurately university and college policy and reasons for policy to the department faculty.
- Acting as an intermediary between faculty and administration.
- Being the spokesperson for and yet the strongest critic of the faculty and the department.
- Representing the department both within the university's administrative and governance structures and externally with professional and community groups.
- Maintaining personal professional competence in order to set a good example for faculty in teaching and research.
- Initiating operational policies within the department for discussion, approval, and implementation.
- Enforcing faculty responsibilities while at the same time protecting faculty rights and privileges.
- Establishing effective working relationships with the non-academic portions of the university in order to facilitate departmental operations and to promote university-wide policies and practices within the department.

C. Instructional Programs

- Articulating program-related goals.
- Providing leadership for the faculty in developing strong and attractive curricula.
- Providing leadership for the faculty in developing methods for assessing the effectiveness of instructional programs.

- Providing leadership for the faculty in providing programs that are pedagogically sound and that use available resources maximally.
- Encouraging cooperation with other departments, colleges, or institutions whenever this is appropriate.
- Encouraging consideration of new program ideas when appropriate.
- Managing teaching loads in a fair, flexible, and productive manner.

D. Student Affairs

- Ensuring that student activities and student organizations receive adequate supervision.
- Dealing with student problems that are not the appropriate concerns of the faculty.
- Arranging with faculty for academic counseling.
- Disseminating information of interest to students.
- Responding to student grievances and requests.
- Recruiting good undergraduate and graduate students.

1. Administrative Leadership:

A successful head must be able to handle the administrative details which make the office function efficiently, professionally, and effectively.

A. Budgetary

- Coordinating the preparation of the department budget.
- Administering the department budget.
- Adhering to the budget management procedures established by the Business Office.
- Allocating funds in a manner consistent with the goals of the department.

B. Programmatic

- Coordinating the development of long-term planning for the department.
- Preparing teaching schedules and assignments.
- Maintaining faculty files.
- Approving students' degree programs.
- Coordinating the use of instructional facilities.
- Generating proposals for funds to support the academic programs.

C. Office Organization

- Coordinating support staff activities.
 - Arranging for and assigning departmental space, facilities, and equipment.
 - Coordinating the reports that go to other offices and service areas.
 - Implementing administrative policies.
 - Managing clerical support.
 - Maintaining an efficient system of records.
 - Preparing agenda for, convening, and chairing departmental meetings.
8. Head of Statistics Department Sept. 2000 – Nov. 2001.
9. Head of Statistics Department Sept. 1993, and Oct. 1996.
10. Head of Computer Unit in the College Oct. 1990 - 1996.
- Coordinating user-support services and day-to-day operations of computer lab. Coordinating coverage of the lab and providing personal coverage as necessary.
 - Training, supervising and scheduling student monitors and other staff.
 - Maintaining the inventory of hardware, software, documentation, supplies, and other equipment needed for the operation of the lab, besides maintaining system security, including backups of all software.
 - Reviewing all requests to use the Lab and interacting with users to discuss suitability of lab for user needs and related matters; approving or denying requests as appropriate.
 - Checking hardware and software for damages/defects and arranging for repair or replacement.
 - Providing for orientation of all users in order to certify that they understand the procedures of the lab and can operate the equipment safely and properly; maintaining up-to-date listing of current certified users; analyzing data to provide usage statistics.
 - Providing technical assistance and training to users; assisting with set-up of hardware and software for classroom use.
 - Implementing and maintaining policies and procedures for use of the lab; writing, editing and updating user manuals.
 - Serving as liaison to Computer Center and personal computer groups.
 - Evaluating need for and recommending acquisition of additional hardware and software.
 - Monitoring approved budget and expenditures.

- Performing related duties as required.

11. Working with UNESCO (United Nations Educational and Cultural Organization) in IRAQ – Erbil, as Educational Officer from 1st Nov. 2007 till 1st of Nov. 2009

- Responsible for managing and supervising education activities implemented by Ministry of Education and Ministry of Higher Education & Scientific Research of KRI (partners), and community members in the project locations in KRI.
- Field activities assigned by UNSECO Iraq Manager.
- Visualizing the implementation of the projects and activities held in KRI.
- Providing feedback and advice to improve the quality of activities
- Monitoring training for education facilitators
- Providing Logistic coordination to the partners.
- Facilitation of recreational activities
- Monitoring distributions of different materials and activities for the partners
- Translation of meetings / Translation of documents
- Writing of reports, preparing spreadsheets
- Supporting the implementation of projects
- Attending coordination meetings in UNAMI and Suly Governorate usual meetings
- Admin/database activities.
- Ensuring timely and effective delivery of tasks and activities to the partners
- Correctness and completeness of given tasks
- Prompt providing of all relevant information to Iraq UNESCO manager
- Archiving of all entrusted and acquired documents in proper manner

12. Working with TIJARA – USAID, to implement the project of SME survey that took place in most of the Iraqi governorates, (my responsibility was Erbil, Suly, Kirkuk).

I headed the USAID/Iraq-Tijara Provincial Economic Growth Program (USAID Contract No. 267-C-00-08-00500-00), as a group head, that was launched in January 2008 to continue through February 2013. This five-year initiative, funded by USAID, was implemented by the Louis Berger Group. The Tijara program's goal was to promote economic diversification, private sector development, and job creation at the local level and promote a market-based economy at the national level.

The program encompassed seven areas:

- business development services,
- a youth initiative,
- international trade and World Trade Organization accession,
- business enabling environment,
- investment promotion,
- small and medium enterprise development and bank lending, and
- sustainable microfinance.

With regard to the microfinance component, Tijara addressed multiple levels:

- Strengthening the economic, legal, regulatory, and infrastructure factors necessary to create an enabling environment that favors microfinance industry growth and sustainability
- Providing financial and technical support to microfinance institutions (MFIs) for expanding their activities
- Deploying human capacity-building initiatives with a focus on Government of Iraq (GoI) and microfinance institutions (MFIs)

The performance evaluation is a cumulative assessment of the microfinance component of the USAID/Iraq-Tijara Provincial Economic Growth Project (USAID-Tijara). The evaluation's purpose was to assess whether a sustainable microfinance industry has been established in Iraq, and if so, whether Tijara contributed substantially to that establishment. The evaluation also aimed to determine the extent to which the project's microfinance component objectives under sub-IR 8.3.1 and IR 8.3 have been achieved. The evaluation addresses the performance of the microfinance component from its inception (January 2008) through the initiation of the evaluation team's field work (October 2012).

The evaluation was conducted by a three-person team of evaluation experts and a four-person team of local data collectors. The evaluation was implemented over a three-month period from September 26, 2012, to December 28, 2012, including four weeks of field work (data collection and analysis) in Iraq. The performance evaluation applied a mixed-methods design that incorporated quantitative and qualitative data gathering and analysis. Data collection included in-person and phone interviews of top and mid-level managers and loan officers from the 12 Tijara partnering MFIs. The team conducted meetings with Iraqi governmental officials and international donors and ran focus group discussions with a diverse group of project beneficiaries.

13. Working with UNESCO (United Nations Educational and Cultural Organization) in Erbil – Northern IRAQ(Oil for Food Program), as Chief of Operations (COO) the Oil for Food Program (986 Security Council Resolution).

- The first person in command for Iraqi Kurdistan Region (previously known as Northern Part of Iraq) and responsible for the efficiency of the overall work.
- A key member of the senior management team, reporting only to the UNESCO Head of Iraq.
- Maintaining control of diverse operations, to reflect as an experienced and efficient leader.
- Securing the goal of the UNESCO mission in Iraq, and securing the functionality of tasks to driving extensive and sustainable growth.
- Design and implement UNESCO strategies, plans and procedures
- Setting comprehensive goals and missions and mandate of UNESCO for performance and growth
- Establishing policies that promote UNESCO's vision
- Overseeing daily operations of UNESCO.
- Leading UNESCO employees to encourage maximum performance and dedication
- Evaluating performance by analyzing and interpreting data and metrics
- Writing and submitting reports to the UNESCO Iraq manager in all matters of importance
- Assisting UNESCO Iraq Manager in fundraising ventures
- Participating in expansion activities (investments, acquisitions, corporate alliances etc.)
- Managing relationships with partners/vendors

14. Working with UNESCO (United Nations Educational and Cultural Organization) in Erbil – Northern IRAQ (Oil for Food Program), as Educational Officer from 13 Aug. 2001 till Sept. 2003, then as Chief of Operations in North from Sept. 2003 till July 2004, as part-time. I left the job because of the termination of the program in Northern IRAQ.

- One of the primary duties of an education officer is to supervising and executing a series of educational objectives throughout a number of programs, public offices, and other education-based facilities.
- Supporting in designing course curricula and teaching techniques based on educational research.

- Supporting in designing conferences with partners, administrators, principals, and teachers Assessing the progress and giving advice on improvements of UNESCO projects.
- Supporting the main objectives that continuously enhance school procedures, training programs for faculty, and individualized student assistance.
- Supporting the partners for reviewing teacher evaluations, student performance levels, and curricula functionality to determine problem areas and rectify issues to ensure future program success.
- Developing educational and training programs to exercise the received information.
- Working with local government agencies to formulate financial requirements for such programs and services.
- Improving the learning experience for teachers and staff.
- Developing activities and workshops that allow teachers, and students to enhance the understanding of the various exhibits.
- Supporting in developing grant proposals and organizes other funding sources for additional educational activities.
- Supporting in designing advertisement strategies based on the variety of educational services.

15. Educational Officer as part-time in TWDO (Third World Development Organization – A Canadian NGO) from July 1993 – Oct. 1993, then from Oct. 1993- July 1995 (The program termination) as the deputy director.
16. An Employee in the General Directorate of Interior Affairs Management in Erbil from 31 August 1983 till 09 Jan. 1985.
17. From Sept. 1993 and still as a member of the scientific committee of the Department of Statistics.
18. From Sept. 1993 and still as a member of the Higher Education Committee of the Department of Statistics.
19. Worked in different committees in the University.
20. Working with JHIC (Joint Humanitarian Information Center) part-time as Data Analyzer, from March 2004 till May 2005.
21. Working as PMO director in the Ministry of Higher Education and Scientific Research from Aug. 2006 till March 2007.
22. RTI as statistical and planning consultant from 1-may-2006 till 1-may-2007 as part-time.
23. Working as a consultant for Ministry of planning through RTI, 2007.

24. Working as a Statistical consultant in Kurdistan Institute, Erbil 2009 and still.

Data Analysis:

Analyzing and co-supervising on dozens Masters and Ph.D. theses.
Determining the sample size and sampling for dozens of master and Ph.D. theses.

Supervision:

I have supervised Ph.D., M.Sc., and Higher Diploma students as follows:

1. A New Criterion for Residual Evaluating Methods in Time Series. (2019). *Feink Mohammed Omer*.
2. Using Kriging analysis to predict Oil depth and coordinates in Kurdistan Region (2013). *Paree Abdulla Omer*
3. Using PCA and LDA in distinguishing between benign and malignant breast cancer. PhD in Statistics, *Rizgar Maghdid Ahmed*. (2012)
4. Starting Values in nonlinear regression models with the application. MSc. in Statistics, *Amira Wali Omer* (2010).
5. Using the wavelet method to denoise contaminated signals. Ph.D. in Statistics 2010. *Akhterkhan Sabir Hamad*.
6. Distinguishing between Grass, Stone, and Wood texture images using some statistical measurements. *Haval Ahmed Abdulrahman* MSc in IT. (2010)
7. "Distinguishing between JPEG and GIF image files format. (2007)". Higher Diploma in IT, *Kamal Qasim Hasan*, Salahaddin University.
8. Principal Components and its loadings with application on the Vocation Education in Erbil. *Rizgar Maghdeed Amhed*. 2005. M.Sc.
9. Using Box-Jenkins Time series models to forecast for Births in Erbil. *Amal Yaseen* M.Sc. in Statistics (2005)
10. Using Box-Jenkins Time series models to forecast the number of Secondary schools graduates in Erbil. *Ban Mohammed* M.Sc. in Statistics (2005)
11. A comparison study between LTS, LMS, and OLS, with the application. *Parikhan Abdullah Omer*. 2005. M.Sc. thesis.
12. Computerizing the Kurdish Language for non-Kurdish natives. *Atif Abdullah Farhadi*. 2005. M.Sc.
13. Speech coding with LPC analysis. *Haval Ahmed Abdulrahman Aqrawi*. 2005. Higher Diploma.
14. A comparison study between JPEG and JPEG2000 compression methods. *Saeed Rostem Noori*. 2005. Higher Diploma.
15. 986 Resolution effect on US Dollar exchange rates using weighted Poisson Regression. *Hana Ahmed Amin*. 2004. M.Sc.
16. The reduced monotonic Regression methods with the application. *Chro Kamil Salih*. 2004. M.Sc.

17. Automatic Fingerprint Identification System using Robust Distance. *Dilshad Shakir Esmaeil Botani*. 2002. M.Sc.
18. Using Robust Estimation to fit gross domestic product model. *Tara Ahmed Hassan*. 2002. M.Sc.
19. Using simulation to distinguish between NTA and Poisson-Pascal distributions. *Bekal Samad Siddiq*. 2002. M.Sc.
20. Using linear programming to fit the best combination to poultry nutrition. *Ahmed Adhem Abduljabbar*. 2001. M.Sc.
21. Using Box Jenkins models to forecast the water level of the DOKAN dam. *Nadia Omer Ahmed*. 2000. M.Sc.
22. A Comparison study between parametric and non-parametric ANACOVA using simulation. *Akhterkhan Saber Hamad*. 2000. M.Sc.
23. "Using factor analysis to study the main effects of some nerves system diseases". *Huda Qardagh Yalda*. 2000. M.Sc.
24. "Using discriminant analysis to identify the main effects of clinical classification of heart diseases". *Kurdistan Ibrahim Maalood*. 2000. M.Sc.
25. Supervision of several undergraduate statistics fourth-year student's graduation projects.

Other Activities:

1. Asst. Chairman of the Kurdistan Board of Directors (KIOD).
2. A member of the Consultants Board of **Ministry of Education**, KRG.
3. A member of the **Martyrs Ministry High Committee of Compensation** of Martyrs in Kurdistan.
4. A member of the high committee of the **Kurdistan Tourism** between the Ministry of Higher Education and Scientific Research and the Higher Institute for Tourism in Kurdistan.
5. A member of the High Committee of the **Strategic Planning** Preparation of the **Erbil Governorate**.
6. A member in the preparation of **Kurdistan Employment Policy** with the **Ministry of Labor**, KRG.
7. A member of the **Higher Committee of Iraq and KRG Public Sector Modernization Program**, with the support of UNESCO, UNICEF, and UNDP.
8. A member of the higher committee of the **Demography Program in IRAQ**, with UNFPA representing Kurdistan.
9. A member of the Higher Committee of Kurdistan **Population Policy**, with the support of UNFPA with the **ministry of the plan, KRG**.
10. Participating in the **DAAD program**, in the project **BEEP** (Baghdad, Erbil, Erlangen Project) conferences for four years 2010-2014 in **Germany**.
11. Attending the **DAVO international conferences** in Germany as a **panelist** with the CIS (Center of Iraq Studies) (A German center with the support of DAAD).

12. Participating with the **WB (World Bank) in the University Governance Project** representing Salahaddin University. Salahaddin University was in the lead among all Iraqi universities.
13. Heading the committee of the **action plan determination** of the University Governance projects, supported by **World Bank**.
14. Participating in the project of **WB** under the name of International Accounting Standards for deans (special meetings besides the accountant's meetings) for three years, 2012, 2013, and 2014.
15. Participating in the **High Committee of Education in IRAQ, representing KRG as a consultant**, a project supported by UNICEF.
16. A consultant member in the analysis of the (**Out of School Children in Iraq**) survey held by **UNICEF** supporting the Ministry of Education, representing KRG.
17. Participating in the **National Election** in Iraq that took place on Jan. 2010, as the Statistical Expert, with **NDI** (National Democratic Institute- American NGO) and **SHAMS**(local NGO).
18. Participating in the July 25th, 2012 **election in Kurdistan**, Iraq, as the Statistical Expert, with **NDI** (National Democratic Institute- American NGO) and **SHAMS** (local NGO).
19. I supported in joining the College of Admin. & Economics, Salahaddin University to the **AACSB** (an international agency for accreditation for Business Colleges) through being a member in the meetings with **USAID**, through the American Embassy. Our college is the **ONLY** College in **KURDISTAN** and **IRAQ** that has got the international **ACCREDITATION**.
20. A member of the **American Visitors Alumni** since 2011.
21. Participating in the committee of selection Fulbright candidates from 2010 till 2013 in the **American Consulate** in Erbil.
22. Activation of the **Consultancy Center of the College**, we have renewed the plan and we are adopting a very ambitious one for the coming five years.
23. We have started a program with **Cincinnati University** for the Department of Finance and Banking for updating and promoting the curriculum, the coming year will be the third; there will be remaining two other years, for us to say very proudly that it is following the international standards.
24. The other important project with **World Bank** is to support the **Private Family Companies** to systematize and institutionalize their works and activities, this project will last until the coming two years.
25. We succeeded to add our college to the **CIS (Center of Iraqi Studies)** in Germany, to the coming year's project in the support of **research and curriculum**.
26. Attending several Academic conferences, such as **AMA (American Management Association)** conference in **San Antonio, Texas, USA**. And attending the **Nawroz University conferences** (three times so far)

representing Salahaddin University, Attending the Ishik University conferences for several years... etc.

27. Attending **several non-Academic** conferences and workshops held by different International and national entities such as **UNWOMEN on (Gender Responsive Budget)** held in Erbil, and the conference of **Bayt Al Hikma** on the **(relations between Federal Government and KRG)** with the support of Salahaddin University. Attending the **IFC(International Finance Corporation)** a body working under **World Bank**, several workshops for **Corporate Governance** ... etc.
28. Participating in all the **Internship workshops** and **Entrepreneurship workshops** and **video conferences** held by the **American Consulate** in Erbil.
29. Participating in several Academic and non-academic seminars.
30. A member of several **University committees**. A sample of the committees is **attached**.
31. Participated in **dozens of MSc and Ph.D. theses discussions** in Salahaddin University, Sulayman University, Mosel University, Baghdad University, and Babylon University.
32. A copy of some selective samples of **certificates is attached**.

Published Papers:

1. Finding the statistical distribution of some contagious diseases in Erbil 1989.
2. Variance components decomposition1990
3. Automatic Fingerprint Identification System using Robust Distance. *TANMEYAT AL RAFIDAIN*, Mosel University's Scientific Journal. Mosel. IRAQ 2006.
4. HIGH-RESOLUTION IMAGE CLASSIFICATION, College of Mathematics and Computers Journal, Mosel University. 2005.
5. "Gray Texture Image Recognition Using Some Statistical Measurements" Journal of Admin. & Econ College, Kirkuk University, 2012.

Training Courses

1. Basic Civil Defense Course. IRAQ.1983.
2. First Aids Course. IRAQ. 1983.
3. SPSS, Baghdad, 1990.
4. Windows 95, BILKENT University. TURKEY. 1995.
5. Electronic Library, Egypt, 2005.
6. Talented Students Center Development, DeBono Center, Amman, 2005.
7. Human Development Report Writing, Beirut, Lebanon 2006.
8. Local Area Development Program (UNESCO Project), Amman, Jordan, 2008.
9. International Accounting Standards (World Bank), Amman, Jordan 2014.

10. Corporate Governance TOT training held by World Bank, Erbil 2015.

Lecturing Experience:

Ph.D. in Statistics Program in Salahaddin University for several years:

- Linear Models
- Time Series Analysis
- Nonlinear Models

Ph.D. in Business Administration in Salahaddin University:

- Computer Applications.
- Advanced Statistics.

Ph.D. in Economics Program in Salahaddin University for several years:

- Computer Applications.
- Statistics.

Ph.D. in Geography Program in Salahaddin University:

- Statistics with SPSS.

Ph.D. in Civil Engineering Program in Salahaddin University:

- Advanced Statistics.

Ph.D. in English Language Program Salahaddin University:

- Advanced Statistics and Research Methodology with SPSS.

Ph.D. in Dentistry Program in Hawler Medical University for several years:

- Advanced Statistics with SPSS.

Ph.D. in Nursing Program in Hawler Medical University for several years:

- Advanced Statistics with SPSS.

M.Sc. in Statistics Program in Salahaddin University for several years:

- Linear Models
- Time Series
- Non-Parametric Statistics
- Reliability
- Econometrics

M.Sc. in Statistics Program in Sualimaniyah University for several years:

- Linear Models
- Time Series
- Non-Parametric Statistics
- Reliability
- Statistical Texts in English.
- SPSS

M.Sc. in Psychology Program in Salahaddin University for several years:

- Statistics.

M.Sc. in Physical Education Program in Salahaddin University for several years:

- Statistics.

M.A. in Economics Program in Salahaddin University for several years:

- Computer Applications.
- Statistics.

M.A. in Accounting Program in Salahaddin University for several years:

- Computer Applications.

- Statistics.

M.A. in Business Administration Program in Salahaddin University for several years:

- Computer Applications.
- Statistics.

M.A. in Geography Program in Salahaddin University:

- Statistics with SPSS.

M.A. in English Language (Linguistics) Program in Salahaddin University:

- Statistics with SPSS.

B.Sc. in Statistics Program in Salahaddin University for several years:

- Linear Models
- Time Series
- Mathematical Statistics
- Statistical Multivariate Analysis
- Statistical Inference
- Experimental Designs
- Biostatistics
- Non-Parametric Statistics
- Reliability
- Probability
- ANOVA
- Econometrics
- Statistics.
- MS Office.
- SPSS
- Statgraph
- Numerical Analysis
- Mathematical Analysis
- Mathematical Programming
- Mathematical Economics
- Calculus
- FORTRAN Programming language
- BASIC Programming language

B.Sc. in Statistics and Computer Science in Sualimaniyah University:

- System Software

B.Sc. in Economics in Salahaddin University for several years:

- Statistics
- Fortran Programming language
- BASIC Programming language

B.Sc. in Accounting in Salahaddin University for several years:

- Statistics
- Fortran Programming language
- COBOL Programming language

B.Sc. in Business Administration in Salahaddin University for several years:

- Statistics
- Fortran Programming

- BASIC Programming

Diploma in Nursing Program- Erbil Technical Institute – IRAQ

- BASIC Programming language

Diploma in Anesthesia Program- Erbil Technical Institute – IRAQ

- BASIC Programming language

RAM (Private Computer Teaching Center in Erbil- IRAQ)

- BASIC Programming
- Winword, Excel
- Quatropro and Wordperfect
- Lotus Notes
- Amipro

Computer Skills

1. MS-DOS, and MS-Windows.
2. MS-Office.
3. SPSS.
4. S-Plus.
5. SAS.
6. Minitab.
7. Statgraphics.
8. Statview.
9. Statistica.
10. NCSS, PASS.
11. Quatro Pro.
12. Word Perfect.
13. Stats
14. Stata