

Curriculum Vitae (C.V.)

Personal Information:

Name: **Mohammed Abd AlRaheem Sameeh Dawabsha.**
Status: Married Sex: male Nationality: Palestinian
Date of Birth: 25.Oct .1988
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Education:-

- ❖ **2015-2018: PhD** in Applied Statistics a .**University of Granada Spain.**
- ❖ **2011-2013: Master's** degree in mathematics. **University of Jerusalem**
Tel:02-5838652
- ❖ **2006-2010: B.A** of Mathematics.. Faculty of Science, **An-Najah National University, Nablus**, West Bank, Tel. 09 2394960, email: info@najah.edu.
- ❖ **2006:** General Examination Board, Scientific branch

Experiences:-

- **Assistant Professor at Arab American University** - Campus Ramallah (Full Time) 2024-until now and I have taught the following courses (**Calculus 1 for Computer Science, Math for Data Science, Elementary Probability and Statistics, Business math, Business Statistics. Biostatistics, Biostatistics for Dental students, Basic Mathematics, Calculus (1+2), Discrete Math , Math for information Technology, Engineering Math (1+2).**)
- **Assistant Professor at Arab American University** - Campus-Jenin (Part Time) since the second semester (2018/2019) until 2023. and I have taught the following courses (**Business math, Business Statistics. Biostatistics, Biostatistics for Dental students, Basic Mathematics, Calculus (1+2), Discrete Math, Math for information Technology, Engineering Math (1+2).**)
- **Assistant Professor at Al Quds University-Al Quds** (Part Time) since the second semester (2021/2022) and I have taught the following courses (**Biostatistics for Medicine**)
- **Assistant Professor at Palestine Technical University - Kadoorie-Tulkarm** (Part Time) since the fall semester (2019/2020) until summer semester (2019/2020). and I have taught the following

courses (**Calculus (2), Math for Management, Principles of Statistics, Princ. of Stat. for Admin.**)

- **Assistant Professor at Nablus university for vocational and technical education** (Part time) since first semester (2020/2021) until Spring (2023/2024) - *Ibn Sina College for Health Sciences*
- **Assistant Professor at An-Najah University-Nablus** (Part Time) since the first semester (2019/2020) and I have taught the following courses (**Statistics and scientific research methods**)
- **Lecturer at Al Quds Open University –Nablus** (part time) since 1/9/2013 to 27/1/2016. I supervised the teaching of several courses at the university, such as (**Mathematical analysis, mathematical statistics, and the basics of mathematics. General Mathematics. History of Mathematics**).
- Teacher in Government Schools since 2011 (Full time) until 2023

Conferences and Workshops:

- Participation in SOIE 2022 Conference of Statistics and Operational Research. **University of Granada, Spain** 8—12 June (2022). Title of my presentation “*Continuous MMAPs to model complex multi-state systems with vacation in the repair facility*”
- Participation in 14th International Conference on Computational and Methodological Statistics, **University of London, UK** 16-18 December (2021), Title of my presentation “*Optimizing a multi-state system with multiple vacations*”
- Summer school in differential Geometry and Numerical Analysis, in **Birzeit University**, June 30-July 4 (2013).
- Participation in 10th International Conference on Computational and Methodological Statistics, **University of London, UK** 16-18 December (2017), Title of my presentation “*Modeling a complex multi-state warm standby system with loss of units through a D-MMAP*”.
- Participation in European Meeting of Statisticians, EMS 2017, **University of Helsinki**, 24-28 July (2017). Title of my presentation “*A Markovian arrival process with marked transitions to model a complex system with loss of units*”.
- Participation in 10th International Conference on Mathematical Methods in Reliability (MMR 2017), **University of Grenoble, France**, 3-6 July (2017). Title of my presentation “*Modeling a redundant multi-state system with loss of units through a MMAP*”.

- Participation in XXXVII Conference of Statistics and Operational Research SEIO 2018. **University of Oviedo, Spain** 28—31 mayo (**2018**). Title of my presentation “*A discrete MMAPs for analyzing the behavior of one unit multi- state complex system subject to multiple event*”.
- Participation in 23th International Conference on Computational Statistics, COMSPTAT 2018. **University of Lasi, Romania** 28-31 August (2018). Title of my presentation “*Modeling a complex multi-state warm standby system with loss of units and variable number of repair person through a D-MMAP*”.
- Collaborated in the organization of “*1st Spanish Young statistics and Operational Researchers* “**University of Granada**, 13-15 November (2017).
- Attended the course of “Magnetic maps” at **Granada university**, September 12- 16 (2016).
- Attended the course of “Boundaries in non -positive curvature “**in IEmath-Granada**, November 15-23(2016).

Publication:

- Ruiz-Castro, **Dawabsha, M.** and Alonso, F.J. (**2018**) Discrete-time markovian arrival processes to model multi-state complex systems with loss of units and an indeterminate variable number of repairpersons. *Reliability Engineering and System Safety*, **174**, 114-127. DOI: [10.1016/j.ejor.2018.02.019](https://doi.org/10.1016/j.ejor.2018.02.019). **Impact Factor: 4.039**
- Ruiz-Castro, and **Dawabsha, M.** (2018) Modelling a multi-state k -out-of- n : G system with loss of units. In: *Reliability Engineering. Theory and Applications*. Ilia Vonta and Mangey Ram(Eds), pp.43-59. **Taylor and Francis/CRC Press**.
- Ruiz-Castro and **Mohammed Dawabsha**, (2019). A discrete MMAP for analyzing the behavior of a multi-state complex dynamic system subject to multiple events. *Discrete Events Dynamic Systems*, **29**, PP1-29, **Impact Factor: 1.128**
- Ruiz-Castro and **Dawabsha M** (2020). A multi-state warm standby system with preventive maintenance, loss of units and an indeterminate multiple number of repairpersons. *Computers & Industrial Engineering*. **Impact Factor: 3.51**

Key Skills:

- Excellent Technical Skills: Outlook, Word, Excel, PowerPoint, Access
- Good public relations and communication skills.
- Programming in MatLab, Spss, Minitab
- Statistical analysis by SPSS course level 1+2, **Suez Canal University course 22-31 Aug 2022**

Languages:-

- 1- Arabic language: mother language, excellent in reading, writing, conversation.
- 2- English Language: Excellent in reading, writing and very Good in Conversation.
- 3- Spanish language: very Good in reading, writing and good in Conversation.

REFEREES:

* **Dr. Iyad Suwan**, Head of the Mathematics and Statistics Department, Arab American University-(iyad.suwan@aaup.edu)

* **Dr. Yousef Zahykah**. Head of the Mathematics and Statistics Department, Al-Quds University – (yzahaykah@staff.alquds.edu).

* **Dr. Juan Eloy Ruiz Castro**, professor in Statistics and Operation research, PhD Supervisor, Universidad de Granada-(jeloy@ugr.es).

