

Dr. Ghazi Ibrahim A. Al Jowf, MPH, PhD

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Executive Summary: Health professional, passionate educator, researcher, and program administrator with expertise in Public Health and Environmental Health. Currently, assisting the Coordinator of the Department of Public Health (DPH) of the College of Applied Medical Sciences (CAMS) at King Faisal University (KFU), Kingdom of Saudi Arabia (KSA).

Professional Experience:

- Assistant professor (faculty staff member) DPH, CAMS, KFU, KSA, 2023 – present.
- Teaching assisting (faculty staff member) Department of Psychiatry and Neuropsychology, School for Mental Health and Neuroscience (MHeNs), Faculty of Health, Medicine and Life Sciences (FHML), Maastricht University, Maastricht, The Netherlands (NL), 2017 – present.
- Lecturer (faculty staff member) DPH, CAMS, KFU, KSA, 2017 – 2022.
- Demonstrator (faculty staff member) DPH, CAMS, KFU, KSA, 2012 – 2017.
- Rehabilitation senior specialist Senior Employee at the Rehabilitation Services Unit, Aramco Hospital, Dhahran, KSA, 2011 – 2012.
- Rehabilitation specialist Head of the Rehabilitation Department, Health Facility Administration (polyclinics), KFU, KSA, 2009 – 2011.
- Rehabilitation staff assistant volunteered as a rehabilitation staff assistant, Life Mark, Toronto, Ontario, Canada, 2008 – 2009.
- Training specialization internship practical/clinical rotations completed at Almana General Hospital, Alkhobar; King Fahad Specialist Hospital, Dammam; and Aramco Hospital, Dhahran (KSA), 2006 – 2007.

Education:

- May 2017 – 2023: Doctor of Philosophy (Ph.D.); Department of Psychiatry and Neuropsychology, School for Mental Health and Neuroscience (MHeNs), Faculty of Health, Medicine and Life Sciences (FHML), Maastricht University, Maastricht, The Netherlands (NL).
- September 2020 – December 2022: University Teaching Qualification (UTQ) certificate from Maastricht University, for demonstrating the teaching skills of lecturers in academic education.
- July 2014 – July 2016: Master of Public Health (M.P.H.), course code I62 (two-year program including a thesis) with a Distinction GPA; School of Medicine and Health Sciences, Edith Cowan University, Perth, Western Australia, Australia (AU).
- July 2013 – April 2014: Academic English Program (AEP) with a 90 percent; Perth Institute of Business and Technology, Edith Cowan University, Perth, Western Australia, Australia (AU).
- June 2008 – April 2009: Training Certificate (rehabilitation program); Life Mark, Toronto, Ontario, Canada (CA).
- June 2008 – April 2009: Academic English Program (AEP) levels 40, 50 & 60, with Grades A, B & B respectively. School of Continuing Studies, University of Toronto, Toronto, Ontario, Canada (CA).
- 2006 – September 2007: Internship rotations completed at Almana General Hospital, Alkhobar; King Fahad Specialist Hospital, Dammam; and Aramco Hospital, Dhahran, (KSA).
- 2001 – June 2006: Bachelor of Medical Sciences with a very good GPA; CAMS, KFU, Dammam, (KSA).
- 1997 – 2001: High school with a 94%; The Saline Water Conversion Corporation (SWCC) Secondary School, Alkhobar, (KSA).

Administrative/Network Positions:

- Coordinator-assistant, Public Health Program, CAMS, KFU, KSA, 2023 – present.
- President, Cooperative Training and Community Partnership Unit, CAMS, KFU, KSA, 2023 – present.
- Deputy, Academic Advising and Guidance Committee, CAMS, KFU, KSA, 2023 – present.
- Coordinator, Guidance and Skills Development Unit, CAMS, KFU, KSA, 2023 – present.
- Member, Student Activities Unit, CAMS, KFU, KSA, 2024 – present.
- Member, Exam Evaluation Unit, CAMS, KFU, KSA, 2023 – present.
- Member, Field Experience and Graduate affairs Unit, DPH, CAMS, KFU, KSA, 2024 – present.
- Member, Academic Accreditation and Quality Assurance Committee, DPH, CAMS, KFU, KSA, 2022 – present.
- Active member in the ALBA Network.
- Active member in the Federation of European Neuroscience Societies (FENS).
- Active member in the European Graduate School of Neuroscience (EURON).

Courses Taught:

Period	Educational Institution	Tasks (course)	Function
2024	King Faisal University, KSA	Teaching the Research Project Course (PH3102472)	Lecturer
2024	King Faisal University, KSA	Teaching the Public Health Intervention Project Course (PH3102471)	Lecturer
2024	King Faisal University, KSA	Teaching the Health Program Planning and Evaluation Course (PH3102304)	Lecturer
2023	King Faisal University, KSA	Teaching the Quality Management in Health Care Course (PH3101203)	Lecturer
2023	King Faisal University, KSA	Teaching the Biostatistics for Health Sciences Course (PH3102111)	Lecturer
2023	King Faisal University, KSA	Teaching the Microbiology and Parasitology Course (PH3102234)	Lecturer
2020/21	Maastricht University, Maastricht, NL	Teaching the Communicable and Non-com. Disease Course in the EU & WHO-EURO (EPH1022)	Tutor
2020	Maastricht University, Maastricht, NL	Teaching the Global Differences in Disease and Treatment Course (BBS3011)	Tutor
2019	Maastricht University, Maastricht, NL	Teaching the Practical on Human and Sheep Brain Neuroanatomy (BBS1004/1104)	Tutor
2019	Maastricht University, Maastricht, NL	Teaching the Technologies and Analysis of Omics Data Course (2018-400-MSB1006)	Tutor
2018	Maastricht University, Maastricht, NL	Teaching the Advanced Principles of Genetics and Genomics Course (2018-200-MBS1101)	Tutor
2016	King Faisal University, KSA	Teaching the Introduction to Public Health Course (PH3102105)	Staff assistant

Publications:

- Snijders, C., Pries, L. K., Sgammeglia, N., **Al Jowf, G.**, Youssef, N. A., de Nijs, L., Guloksuz, S., & Rutten, B. (2018). "Resilience Against Traumatic Stress: Current Developments and Future Directions". *Frontiers in psychiatry*, 9, 676.
- An, N., Bassil, K., **Al Jowf, G. I.**, Steinbusch, H. W., Rothermel, M., de Nijs, L., & Rutten, B. P. (2020). "Dual-specificity phosphatases in mental and neurological disorders". *Progress in Neurobiology*, 101906.
- **Al Jowf, G. I.**, Snijders, C., Rutten, B. P. F., de Nijs, L., & Eijssen, L. M. T. (2021). "The Molecular Biology of Susceptibility to Post-Traumatic Stress Disorder: Highlights of Epigenetics and Epigenomics". *International Journal of Molecular Sciences*, 22(19), 10743. doi:10.3390/ijms221910743
- **Al Jowf, G. I.**, Ahmed, Z. T., An, N., Reijnders, R. A., Ambrosino, E., Rutten, B. P. F., deNijs, L., & Eijssen, L. M. T. (2022). "A Public Health Perspective of Post-Traumatic Stress Disorder". *International Journal of Environmental Research and Public Health*, 19(11), 6474. doi:10.3390/ijerph19116474
- **Al Jowf, G. I.**, Ahmed, Z. T., Reijnders, R. A., de Nijs, L., & Eijssen, L. M. T. (2023). "To Predict, Prevent, and Manage Post-Traumatic Stress Disorder (PTSD): A Review of Pathophysiology, Treatment, and Biomarkers". *International journal of molecular sciences*, 24(6), 5238. <https://doi.org/10.3390/ijms24065238>
- Ahmed, Z. T., Zain Al-Abden, M. S., Al Abdin, M. G., Muqresh, M.A., **Al Jowf, G.I.**, Eijssen, L. M. T., Haider, K. H. (2024). "Dose-response relationship of MSCs as living Bio-drugs in HFrEF patients: a systematic review and meta-analysis of RCTs". *Stem Cell Research and Therapy*, 13;15(1):165. doi: 10.1186/s13287-024-03713-4.

Publications Awaiting for Acceptance/in Preparation:

- **Al Jowf et al.** "Blood-Based Transcriptomic Analysis of Susceptibility to PTSD in Deployed Military Soldiers". Submitted during 2024.
- **Al Jowf et al.** "Social Defeat Stress Alters RNF39 Protein Expression in the Hippocampal Dentate Gyrus of Mice". To be submitted during 2024.

Training Courses/Skills, and Experiences:

Name	Institution & location	Date	Workload
Effective Writing and Publishing Scientific Papers	Maastricht University, Maastricht, NL	Feb. 7 – Apr. 4, 2018	8 weeks
Statistical Courses (Part 1)	Maastricht University, Maastricht, NL	Jan. 29 – Mar. 19, 2018	8 weeks
From Human Neuroanatomy to Psychopathology	Maastricht University, Maastricht, NL	June 11 – 14, 2018	4 days
Introduction to Epidemiology	Maastricht University, Maastricht, NL	September 3 – 7, 2018	5 days
Presentations Course for PhD Researchers	Maastricht University, Maastricht, NL	Oct. 29 – Dec. 10, 2018	7 weeks
Introduction to R Course	Maastricht University, Maastricht, NL	Feb. 26 – 28, 2020	3 days
Introductory Course on the Principles of PBL	Maastricht University, Maastricht, NL	September 29, 2020	0.5 day
Course Tutoring/teaching Skills (Small Group Teacher Training)	Maastricht University, Maastricht, NL	Oct. 6 – Dec. 10, 2020	2 days (4 sessions in total)
Examiner Course	Maastricht University, Maastricht, NL	October 27, 2020	0.5 day
Intercultural Training by the Maastricht Young Academy	Maastricht University, Maastricht, NL	December 01, 2020	0.5 day
Tutor Intervention GW (Health Sciences)	Maastricht University, Maastricht, NL	May 11, 2021	0.25 day
Tutor Intervention EPH (European Public Health)	Maastricht University, Maastricht, NL	May 12, 2021	0.25 day
Tutor Intervention BBS (Bachelor Biomedical Sciences)	Maastricht University, Maastricht, NL	June 4, 2021	0.25 day
University Teaching Qualification (UTQ) Medical Faculty Program	Maastricht University, Maastricht, NL	Sep., 2020 – Dec., 2022	~ 2 years
SHA Basic Life Support	King Faisal University, KSA	February 1, 2024	1 day

Abstracts/Posters (national & international):

- Kuijpers, D., Reijnders, R., de Nijs, L., Snijders, C., **Al Jowf, G.**, Slenter, D., Rutten, B. P., & Eijssen, L. (2018). "Molecular Genetics of Stress: Regulatory Mechanisms Involved in PTSD". 4th Dutch Bioinformatics & Systems Biology Conference (2018 - The Netherlands).
- Reijnders, R., Kuijpers, D., de Nijs, L., Snijders, C., **Al Jowf, G.**, Van der Zee, Y., Slenter, D., Rutten, B. P., & Eijssen, L. (2018). "Molecular Genetics of Stress: Regulatory Mechanisms Involved in Chronic Social Defeat Stress". 4th Dutch Bioinformatics & Systems Biology Conference (2018 - The Netherlands).
- **Al Jowf, G. I.**, Snijders, C., Rutten, B. P. F., de Nijs, L., & Eijssen, L. M. T. (2019). "Susceptibility to Psychological Trauma in Relation to Mental Ill-health and Neurobiology". 21st EURON PhD Days (2019 - Luxembourg).
- **Al Jowf, G. I.**, Reijnders, R., Pishva, E., Eijssen, L., de Nijs, L., & Rutten, B. (2022). "Susceptibility to Psychological Trauma in Relation to Mental Ill-health". 22nd EURON PhD Days (2022 - Belgium).
- **Al Jowf, G. I.**, Reijnders, R., Pishva, E., Eijssen, L., de Nijs, L., Vinkers, C., Geuze, E., Vermetten, E., Boks, M., & Rutten, B. P. (2022). "Comparing Susceptible Versus Resilient Individuals in a Prospective PTSD Military Cohort (PRISMO) Using Transcriptomic Guided eQTL & mQTL Analysis for Trans-omic Causal Inference". Dutch Neuroscience Meeting (2022 - The Netherlands).
- **Al Jowf, G. I.**, Reijnders, R., Pishva, E., de Nijs, L., Eijssen, L., Vinkers, C., Geuze, E., Vermetten, E., Boks, M., & Rutten, B. P. (2022). "Transcriptomics Analysis for the PRISMO Study: Expression Profiles in Susceptible Versus Resilient Individuals in a Prospective PTSD Cohort". Federation of European Neuroscience Societies (2022 - France).
- Ahmed, Z. T., Zain Al-Abeden M. S., Al Abdin M. G., Muqresh M. A., **Al Jowf, G. I.**, Eijssen, L., Haider K. (2024) "Dose-Response Relationship for MSCs as Living Bio-Drugs in HFrEF Patients: A Systematic Review and Meta-Analysis of RCTs". Sixth Annual KSUMSC Research Forum (2024 – Riyadh, KSA).

Worked as a Member of Organizing Committee in these Workshops/Activities:

- 19 – 23 May 2024: Discover KFU Exhibition, King Faisal University, Al-Ahsa, KSA.
- 6 – 7 March 2024: Fast in good health (4), under the slogan: "Your health in Ramadan", King Faisal University, Al-Ahsa, KSA.
- 21 September 2017: Annual Lab Day out in Fun Valley, Eijsden, NL.
- 29 April – 2 May 2013: Fourth Scientific Conference in King Faisal University, Al-Ahsa/Mecca, KSA.
- 3 May 2007: Clinical Neurological Assessment Workshop in King Fahad Specialist Hospital, Dammam, KSA.
- 27 March 2007: Knee Osteoarthritis in Armed Forces King Abdulaziz Airbase Hospital, Dhahran, KSA.
- 5 – 6 December 2006: Clinical Education Workshop in King Fahad Specialist Hospital, Dammam, KSA.

Awards:

The 1st place winner of poster presentations, Sixth Annual KSUMSC Research Forum (7 - 9 March 2024) at King Saud University in Riyadh, KSA.

Interest Areas:

- Research and development.
- Genetics, Epigenetics, Toxicology, Behaviour, Psychiatry.
- Molecular Biology, Epidemiology.
- Neurodegenerative diseases, specifically Dementia, and Alzheimer's disease.
- Relation between Trauma and PTSD.

Personal Skills:

- Excellent written and verbal communication skills.
- Intellectual skills.
- Proficient in various computer applications (Microsoft Office: Word, PowerPoint, and Excel) and statistical software (SPSS, PSPP, and Epi Info).
- Publication skills.

Languages:

- Arabic (native).
- English (fluent).
- Dutch (basic).