CURRICULUM VITAE

Personal Information

Name: Majd Mohammad khair Al-Khalily
Mobile: +962790914255
E-mail: mmalkhalely@just.edu.jo
Nationality: Jordanian
Position: Assistant Professor, Jordan University of Science & Technology
Address: Faculty of Applied Medical Sciences
Jordan University of Science & Technology
P.O. Box 3030, Irbid 22110, Jordan

Academic Qualifications

- **2024**
  Doctor of Philosophy in Magnetic Resonance Imaging
  The University of Queensland, Australia

- **2019**
  Master of Magnetic Resonance Technology
  The University of Queensland, Australia

- **2012**
  Bachelor of Radiologic Technology
  Jordan University of Science and Technology, Jordan

Research Interests

My current research interest focuses mainly on developing pipelines to characterize and analyze the development of neural network in animal models such as mice using diffusion MRI and fibre tracking. Also, it involves relating MRI data to underlying tissue microstructure.

Publications

- **Journal Articles:**

1. The Hippo effector TEAD1 regulates postnatal murine cerebellar development. Atterton, C., Pelenyi, A., Jones, J., Currey, L., Al-Khalily, M., Wright, L., ... & Piper, M. (2025). https://doi.org/10.1007/s00429-025-02903-x

2. Expression of the Hippo pathway effector, TEAD1, within the developing murine forebrain.
   Pelenyi, A., Atterton, C., Jones, J., Currey, L., Al-Khalily, M., Wright, L., ... & Piper, M. (2024). https://doi.org/10.1016/j.gep.2024.119384

3. Polycomb repressive complex 2 is critical for mouse cortical glutamatergic neuron development.
   Currey, L., Mitchell, B., Al-Khalily, M., McElnea, S. J., Kozulin, P., Harkins, D., ... & Piper, M. (2024). https://doi.org/10.1093/cercor/bhae268

4. The Hippo effector TEAD1 regulates murine cerebellar development.
   Atterton, C., Pelenyi, A., Jones, J., Al-Khalily, M., Wright, L., Doonan, M., ... & Piper, M. (2024). https://doi.org/10.21203/rs.3.rs-4954190/v1

5. Establishment of national diagnostic reference levels as guidelines for computed tomography radiation in Jordan
   Al Ewaidat, H., Balawi, S., Bataineh, Z., Al-Dwairi, A., Al-Khalily, M., Azez, K. A., & Almakhadmeh, A. (2023). https://doi.org/10.1002/ima.22855

- **Conference Publications:**
  1. The Influence of b value and Resolution on MR Tractography and Connectome Construction in Adult Mouse Brain at 16.4 Tesla

     Alkhalily, Majd, Currey, Laura, Piper, Michael, and Kurniawan, Nyoman (2023). https://doi.org/10.58530/2023/0226

  2. Application of Diffusion MRI to Characterize Connectome Changes Associated with EED Ablation

     Alkhalily, Majd, Currey, Laura, Piper, Michael, and Kurniawan, Nyoman (2023). https://doi.org/10.58530/2023/2685

Experience

- **February 2022 – February 2024**

  Assistant Professor at Jordan University of Science and Technology.

- **February 2022 – February 2024**

  Lecturer at The University of Queensland.

- **February 2013 – February 2018**

  Teaching assistant at Jordan University of Science and Technology.

- **July 2012 – February 2013**

  Radiographer at Arabic Medical Center Hospital.

Academic Duties

1. Teaching and conducting examinations.
2. Carrying out innovative research and studies.
3. Supervising graduate theses and scientific or social research, guiding students academically and ethically, and monitoring their activities and reports.
4. Providing academic advising.
5. Participating in university councils and committees, as well as in those in which the university is represented.
6. Undertaking any activity that promotes the university and contributes to its advancement.
7. Commit to academic duties at the university, advancing its scientific mission and upholding excellence in research, teaching, mentorship, and administration.
8. Serving the community and contributing to its development.

Taught Courses

1. Diffusion and Perfusion Imaging
2. Introduction to radiobiology and radiation protection
3. Clinical practice 1
4. Clinical practice 4
5. Evidence-based imaging
6. Introduction to radiologic technology
7. Introduction to radiologic technology lab
8. Magnetic resonance imaging
9. Magnetic resonance imaging lab
10. Patient care in radiology department
11. Patient care in radiology department lab
12. Radiographic cross sectional anatomy lab

REFERENCES

1. Dr. Nyoman Kurniawan

Senior Research Fellow in the Centre for Advanced Imaging and the Facility Manager for Preclinical 16.4T Microimaging 9.4T MRI scanners, The University of Queensland, Australia

Email: nyoman.kurniawan@cai.uq.edu.au

Phone: +61 7 336 59737

2. Professor Michael Piper

Professor and Director for Higher Degree Research Training at School of Biomedical Sciences, The University of Queensland, Australia.

Email: m.piper@uq.edu.au

Phone: +61 7 334 69873