Dr. Mais Aljunaidy

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Department of Psychology
Texas State University
San Marcos, Texas, USA

Research interest

My current research focuses on:
1. Improving the physical environment design for individuals with mental disorders through interdisciplinary collaboration between experts in Psychology and Architecture.
2. Researcher's Mental Health, a collaborative initiative with the European Union.
3. Sustainability in interior design and its link with mental health.

Work experience

1. **Assistant Professor of Instruction** at the Psychology Department, Texas State University, San Marcos, Texas, USA

   2024- Current

   Courses I teach / taught:

   PSY 3322 Section 501: Brain & Behaviour, number of students: 31, Summer term, 2024-2025
   PSY 3322 Section 502: Brain & Behaviour, number of students: 30, Summer term, 2024-2025
   PSY 3322 Section 259: Brain & Behaviour, number of students: 96, Spring term, 2024-2025
   PSY 3322 Section 257: Brain & Behaviour, number of students: 96, Spring term, 2024-2025
   PSY 3322 Section 256: Brain & Behaviour, number of students: 96, Spring term, 2024-2025
   PSY 3322 Section 255: Brain & Behaviour, number of students: 96, Spring term, 2024-2025
   PSY 3322 Section M01: Brain & Behaviour, number of students: 15, Winter mini, 2024-2025
   PSY 3315 Section 004: Psychopathology, number of students: 26, Fall term, 2024-2025
   PSY 3322 Section 007: Brain & Behaviour, number of students: 30, Fall term, 2024-2025
   PSY 3322 Section 006: Brain & Behaviour, number of students: 30, Fall term, 2024-2025
   PSY 3322 Section 005: Brain & Behaviour, number of students: 30, Fall term, 2024-2025
   PSY 3322 Section 004: Brain & Behaviour, number of students: 30, Fall term, 2024-2025
   PSY 3322 Section 024: Brain & Behaviour, Correspondence course, 2024-Ongoing

2. **Lecturer** at the Psychology Department, Texas State University, San Marcos, Texas, USA

   2022-2024

   Courses I taught:

   PSY 3322 Section 501: Brain & Behaviour, number of students: 25, Summer term, 2023-2024

PSY 3322 Section 502: Brain & Behaviour, number of students: 25, Summer term, 2023-2024
PSY 3322 Section 255: Brain & Behaviour, number of students: 96, Spring term, 2023-2024
PSY 3322 Section 256: Brain & Behaviour, number of students: 96, Spring term, 2023-2024
PSY 3322 Section 257: Brain & Behaviour, number of students: 96, Spring term, 2023-2024
PSY 3322 Section 259: Brain & Behaviour, number of students: 50, Spring term, 2023-2024
PSY 4393 Section 252: International Psychology, number of students: 30, Spring term, 2023-2024
PSY 3322 Section 007: Brain & Behaviour, number of students: 96, Fall term, 2023-2024
PSY 3322 Section 006: Brain & Behaviour, number of students: 96, Fall term, 2023-2024
PSY 3322 Section 005: Brain & Behaviour, number of students: 96, Fall term, 2023-2024
PSY 3315 Section 006: Psychopathology, number of students: 40, Fall term, 2023-2024
PSY 3322 Section 501: Brain & Behaviour, number of students: 25, Summer term, 2022-2023
PSY 3322 Section 502: Brain & Behaviour, number of students: 25, Summer term, 2022-2023
PSY 4393 Section 252: International Psychology, number of students: 32, Spring term, 2022-2023
PSY 3315 Section 259: Psychopathology, number of students: 48, Spring term, 2022-2023
PSY 3322 Section 256: Brain & Behaviour, number of students: 48, Spring term, 2022-2023
PSY 3322 Section 257: Brain & Behaviour, number of students: 40, Spring term, 2022-2023
PSY 3315 Section 011: Psychopathology, number of students: 30, Fall term, 2022-2023
PSY 3322 Section 004: Brain & Behaviour, number of students: 30, Fall term, 2022-2023
PSY 3315 Section 012: Psychopathology, number of students: 30, Fall term, 2022-2023
PSY 3322 Section 005: Brain & Behaviour, number of students: 30, Fall term, 2022-2023
PSY 4395 Section 007: Individual Study, number of students: 1, Fall term, 2022-2023
Individual Study: Name of the student: Micha Wolverton. Title of the study: Anxiety in College Students.

3. **Leader and Researcher at the WG2 ReMO Survey SIG European Core Project** (the largest multi-level and multi-country survey on Researcher Mental Health), Horizon 2020 funded project, European Union 2022-Current
   Role: research questions and hypothesis generation through literature review and qualitative research.

4. **Research Consultant**, Bilkent University, Ankara, Turkey. 2021

5. **Instructor** at the Psychology Department; and Interdisciplinary Program in Neuroscience, Bilkent University, Ankara, Turkey. 2020-2021

   Courses I taught:

   NSC 512: Research Methods in Neuroscience, number of students: 7, Spring term, 2020-2021
   NSC 612: Selected Topics in Neuroscience I, number of students: 5, Fall term, 2020-2021
   PSYC 434: Child and Adolescent Psychopathology, number of students: 44, Fall term 2020-2021
   PSYC 433: Abnormal Psychology, number of students: 60, Fall term 2020-2021
   NSC 513: Behavioural Neuroscience, number of students: 7, Spring term 2019-2020
   PSYC 433: Abnormal Psychology, number of students: 32, Spring term 2019-2020

6. **Golden Mentor** for medical and nursing students, residents, and staff caring for palliative patients at the University of Alberta. Course work was about effective communication skills with patients suffering from serious illness and breaking end of life news. 2019

Prestigious role

Nominated by Future Earth Assembly and selected to review the **UNESCO 2023 Global Sustainable Development Report (GSDR)**.

Peer-reviewed publications in journals *(total: 14 publications, number of citations: 784)*

1. M.N. Adi & **M.M. Aljunaidy**. *Artificial intelligence (AI) and mental disorder art therapy*. **Psychreg Journal of Psychology**. 8, 102-110. **2024**

2. **M.M. Aljunaidy** & M.N. Adi. *The impact of familiar implementation and unusual artistic implementation of recycled materials in building design on people's experience and mental health*. **BAD**. 2(1), 118-127. **2023**

3. M.N. Adi & **M.M. Aljunaidy**. *Purity of essence in architecture, a radical revolution in human-building interaction*. **BAD**. 1(1), 95-102. **2022**

4. M.N. Adi & **M.M. Aljunaidy**. *Architectural students' attitude towards using recycled materials in building design.* **IDA**. 3: 224-233. **2021**

5. **MM Aljunaidy** & MN Adi. *The psychological impact of COVID-19 quarantine on children, and the role of parental support and environmental design*. **Discov Psychol**. 1: 1-11. **2021**

6. **MM Aljunaidy** & MN Adi. *Architecture and mental disorders, a systematic study of peer-reviewed literature*. **HERD**. 14: 320-330. **2021**
   [This manuscript was selected as studying material to qualify for EDAC (Evidence-Based Design Accreditation and Certification) and AIA (The American Institute of Architects) Continuing Education Units for HERD Journal. This means that architects, interior designers, and health professionals must read this manuscript to prepare for EDAC and ACA qualification exams].

7. MN Adi & **MM Aljunaidy**. *The usefulness of using virtual reality to assess elderly and dementia friendly hospital design*. **IDA**. 2: 137-150. **2020**

8. E Ganguly, F Spaans, JS Morton, R Kirschenman, **MM Aljunaidy**, TJ Phillips, CP Case, CL Cooke, ST Davidge. *Nanoparticle-encapsulated MitoQ (nMitoQ) treatment in hypoxic dams prevent release of placental factors that impair normal maturation and growth of fetal cardiomyocytes in vitro*. **Exp Physio.** 1–8. https://doi.org/10.1113/EP088799. **2020**

9. E Ganguly, **MM Aljunaidy**, R Kirschenman, F Spaans, JS Morton, TJ Phillips, CP Case, CL Cooke, ST Davidge. *Sex-specific effects of nanoparticle-encapsulated antioxidant (MitoQ) delivery to the placenta in a rat model of fetal hypoxia.* **Front Physiol.** 10: 562. **2019**

10. **MM Aljunaidy**, JS Morton, R Kirschenman, TJ Phillips, CP Case, CL Cooke, ST Davidge. *Maternal treatment with a placental-targeted antioxidant (MitoQ) impacts offspring cardiovascular function in a rat model of prenatal hypoxia.* **Pharmacol Res.** 134: 332-342. **2018**

11. TJ Phillips, H Scott, DA Menassa, AL Bignell, A Sood, JS Morton, T Akagi, K Azuma, MF Rogers, CE Gilmore, GJ Inman, S Grant, Y Chung, **MM Aljunaidy**, CL Cooke, B Steinkraus, A Pocklington, A Logan, GP Collett, H Kemp, PA Holmans, MP Murphy, TA Fulga, AM Coney, M Akashi, ST Davidge & CP Case. *Treating the placenta to prevent adverse effects of gestational hypoxia on fetal brain development.* **Sci Rep.** 7: 9079. **2017**

12. **MM Aljunaidy**, JS Morton, CL Cooke, ST Davidge. *Prenatal hypoxia and placental oxidative stress: linkages to developmental origins of cardiovascular disease.* **Am J Physiol Regul Integr Comp Physiol.** 313: R395-R399. **2017**

13. **MM Aljunaidy**, JS Morton, CL Cooke, ST Davidge. *Maternal vascular responses to hypoxia in a rat model of intrauterine growth restriction.* **Am J Physiol Regul Integr Comp Physiol.** 311: R1068-R1075. **2016**

14. A Robson, LK Harris, BA Innes, GE Lash, **MM Aljunaidy**, JD Aplin, PN Baker, SC Robson, JN Bulmer. *Uterine natural killer cells initiate spiral artery remodelling in human pregnancy.* **FASEB**, 26: 4876-4885. **2012**. This paper was rated as 'must read' published paper in 2012: http://f1000.com/717955954

Books / Book chapters

1. **MM Aljunaidy** & MN Adi. *An introduction to architectural psychopathology*. LAD Custom Publishing. ISBN. 979-8-88558-632-0, **2024**

2. M Okitasari, ed. Book title: *Equitable and sustainable cities – economics and disruptive technologies.* Chapter title: *How Fintech facilitated financial inclusion in cities and regions, reduced waste and promoted sustainability*. MN Adi & **MM Aljunaidy**, authors. Springer (accepted - under preparation).

3. C Johnson, S Pasupuleti, eds. Book title: *Innovations in dementia care: the path forward*. Chapter title: *Design for dementia and aging populations*. MN Adi & **MM Aljunaidy**, authors. Oxford (accepted - under preparation).

4. G Kismihók, B Cahill, S Gauttier, J. Metcalfe, ST Mol, D McCashin, J Lasser, M Güneş, M Schroijen, M Grund, K Levecque, S Guthrie, K Wac, J Dahlgaard, MN Adi & C Kling. *Researcher mental health and well-being manifesto*. Translated to Arabic by: MN Adi, & **MM Aljunaidy**, Zenodo. **2021**

5. GS Jonker & DA Crossley II, eds. Book title: *Developmental programing of vertebrate health and disease.* Chapter title: Sex-specific effects of nanoparticle-encapsulated antioxidant (MitoQ) delivery to the placenta in a rat model of fetal hypoxia. E Ganguly, **MM Aljunaidy**, R Kirschenman, F Spaans, JS Morton, TJ Phillips, CP Case, CL Cooke, ST Davidge, authors. Lausanne, Frontiers Media SA, doi: 10.3389/978-2-88966-802-1, p.p:17-31. **2021**

Presentations, peer-reviewed publications, and participation in conferences *(total: 56)*

International

1. **Future Earth Assembly Meeting, Helsinki, Finland, 2024**. (Organizing committee)

2. **UCSF Health Services Research Symposium, San Fransisco, USA, 2024**. (Attendee)

3. **The 4th IAFOR International Conference on Arts & Humanities, Honolulu, USA, 2024:** MM Aljunaidy, MN Adi, & G Resta. The Louvre Abu Dhabi Virtual Museum Tour's Effect on Visitors' Spatial Cognition and Mental Health in the COVID-19 Pandemic. (Oral presentation).

4. **United Nations Climate Change Conference (COP 28), Dubai, UAE, 2023:** *Future Earth delegate*. (Virtual, participation by invitation only)

5. **Future Earth Assembly Meeting, Panama City, Panama, 2023:** MM Aljunaidy, MN Adi. *Using Recycled Materials in Building Design to Reduce the Amount of Waste.* (Organizing committee & Poster presentation)

6. **Sustainability Research, and Innovation (SRI) Congress, Panama City, Panama, 2023:** MM Aljunaidy, MN Adi. *Architecture and Mental Health; The Link to Sustainability*. (Oral presentation)

7. **American Psychopathological Association, New York City, USA, 2023:** MM Aljunaidy *&* MN Adi. *The difference in people's perception and mental wellness when exposed to different environmental designs.* (Poster presentations)

8. **Future Earth Assembly Meeting, Paris, France, 2022:** MN Adi, MM Aljunaidy. *The impact of recycled materials in building design on visitors' experience.* (Organizing committee & Poster presentations)

9. **3rd International Conference on the Mental Health & Wellbeing of Postgraduate Researchers, Brighton, UK, 2022**: MM Aljunaidy + 76 authors, *Researcher mental health*. (Oral presentation, presented by a collaborator).

10. **Session speaker, organizer, and moderator at the Sustainability Research, and Innovation (SRI) Congress, Pretoria, South Africa, 2022**: Inclusive Knowledge in Sustainability. (Oral presentation)

11. **Session invited speaker, Sustainability Research, and Innovation (SRI) Conference, Pretoria, South Africa, 2022**: Nexus Issues. (Oral presentation). (Poster presentations)

12. **Marie Curie Alumni Association Conference, Lisbon, Portugal, 2022**: M Bostenaru Dan, M Angelache, MM Aljunaidy, MN Adi. *Design and Mental Health*. (Poster presentation, presented by a collaborator).

13. **OWSD 6th Conference, Trieste, Italy, 2021**: MN Adi, MM Aljunaidy. *Implementing recycled materials in building design; a way to go towards a sustainable planet*. (Poster presentations).

14. **DOHaD, Melbourne, Australia, 2019**: E Ganguly, MM Aljunaidy, R Kirschenman. F Spaans, JS Morton, T Phillips, CP Case, CL Cooke, ST Davidge. *Nanoparticle-encapsulated antioxidant delivery improves placental nitrosative stress and morphology in a sex-specific manner in a rat model of fetal hypoxia*. (Poster presentation; presented by my colleague).

15. **SRI, San Diego, USA, 2018**: MM Aljunaidy, JS Morton, CP Case, CL Cooke and ST Davidge. *Effect of placental-derived factors on fetal cardiomyocyte development in a rat model of prenatal hypoxia*. (Poster presentations).

16. **DOHaD, Rotterdam, Netherlands, 2017:** MM Aljunaidy, JS Morton, CP Case, CL Cooke and ST Davidge. *Effect of maternal antioxidant MitoQ treatment on aged offspring cardiovascular function in a rat model of intrauterine growth restriction (IUGR).* (Oral presentation).

17. **EB, Chicago, USA, 2017**: MM Aljunaidy, JS Morton, CP Case, CL Cooke and ST Davidge. *Effect of maternal antioxidant MitoQ treatment on offspring cardiovascular function in a rat model of intrauterine growth restriction (IUGR).* (Received oral presentation, poster presentation and invited review).

18. **SRI, Orlando, USA, 2017**: MM Aljunaidy, JS Morton, CP Case, CL Cooke and ST Davidge. *Effect of maternal antioxidant MitoQ treatment on offspring vascular function in a rat model of intrauterine growth restriction (IUGR).* (Poster presentation).

19. **SRI, Montreal, Canada, 2016**: MM Aljunaidy, JS Morton, R Kirschenman, T Phillips, CP Case, CL Cooke and ST Davidge. *Effect of maternal antioxidant MitoQ on cardiomyocyte development in a rat model of intrauterine growth restriction (IUGR).* (Oral presentation).

20. **SSR, Portland, USA, 2011**: LK Harris, MM Aljunaidy, A Robson, GE Lash, JD Aplin, PN Baker, and JN Bulmer. *Physiological transformation of the uterine spiral arteries during human pregnancy: growth factors released by uterine natural killer cells initiate vascular remodelling*. (Oral presentation; presented by my supervisor).

National

21. **FOSI Annual Conference, Washington DC, USA, 2024**. (Attendee)

22. **PSPS Annual Conference, Los Angeles, USA, 2024**. (Attendee)

23. **Aging in Texas Conference, Austin, USA, 2024.** MM Aljunaidy. *Interior design for dementia*. (Panel speaker).

24. **ASID TX 2024 Celebrating Design Texas: Education, Expo & Awards, Dallas, USA, 2024**. (Training)

25. **CNPRM, Banff, 2018**: MM Aljunaidy, JS Morton, CP Case, CL Cooke and ST Davidge. *Effect of placental-derived factors on fetal cardiomyocyte development in a rat model of prenatal hypoxia*. (Poster presentations).

26. **CSHRF, Winnipeg, 2017**: MM Aljunaidy, JS Morton, CP Case, CL Cooke and ST Davidge. *Effect of maternal antioxidant MitoQ treatment on offspring vascular function in a rat model of intrauterine growth restriction (IUGR).* (Poster presentation).

27. **CNPRM, Banff, 2016**: MM Aljunaidy, JS Morton, R Kirschenman, V Vuong, CL Cooke, T Phillips, CP Case and ST Davidge. *Effect of maternal antioxidant MitoQ on cardiomyocyte development in a rat model of intrauterine growth restriction (IUGR)*. (Oral presentation; plenary session).

28. **CNPRM, Montebello, 2015**: MM Aljunaidy, JS Morton and ST Davidge. *Altered maternal vascular function in a rat model of fetal growth restriction.* (Poster presentation).

29. **RCOG annual meeting, London (UK), 2010**: MM Aljunaidy, LK Harris, JD Aplin. *Changes in the arrangement, phenotype and viability of vascular smooth muscle cells in the myometrial spiral arteries during pregnancy*. (Poster presentation).

30. **RCOG annual meeting, London (UK), 2010**: MM Aljunaidy, LK Harris, JD Aplin, A Robson & NJ Bulmer. 2010, British Journal of Obstetrics and Gynaecology. *The involvement of uterine natural killer (uNK) cells in spiral artery remodelling during pregnancy.* (Poster presentation).

31. **The Physiological Society Annual Meeting, Manchester, 2010**: MM Aljunaidy, LK Harris, JD Aplin. *An investigation of changes in spiral artery wall during pregnancy and the involvement of leukocytes in vascular remodelling of myometrial segments*. (Oral presentation).

32. **CTR Annual Trophoblast meeting, Cambridge, 2010**: LK Harris, MM Aljunaidy, JD Aplin, A Robson, GE Lash, NJ Bulmer & PR Baker. *Physiological remodelling of the uterine spiral arteries during human pregnancy: Uterine natural killer cells mediated smooth muscle cell disruption*. (Oral presentation presented by my supervisor).

Local

33. **Price Centre, 2024:** MM Aljunaidy. *Managing life here and abroad, specific cultural mis-readings*. International Women's Day Forum. (Invited panel speaker).

34. **Brown Bag, Department of Psychology Seminar series, 2023**: MM Aljunaidy. *Architecture and Mental Disorders*. (Oral presentation).

35. **Faculty Showcase, 2023**: MN Adi, MM Aljunaidy. *Research in COVID Lockdown*. (Oral presentation).

36. **Physiology Research Day, 2018**: MM Aljunaidy, JS Morton, CP Case, CL Cooke and ST Davidge. *Effect of placental-derived factors on fetal cardiomyocyte development in a rat model of prenatal hypoxia*. (Poster presentations).

37. **OBGYN Research Day, 2018**: MM Aljunaidy, JS Morton, CP Case, CL Cooke and ST Davidge. *Effect of placental-derived factors on fetal cardiomyocyte development in a rat model of prenatal hypoxia*. (e Poster presentations).

38. **WCHRI Research Day, 2017**: MM Aljunaidy, JS Morton, CP Case, CL Cooke and ST Davidge. *Effect of maternal antioxidant MitoQ treatment on aged offspring cardiovascular function in a rat model of intrauterine growth restriction (IUGR).* (Oral presentation).

39. **Physiology Research Day, 2017**: MM Aljunaidy, JS Morton, CP Case, CL Cooke and ST Davidge. *Effect of maternal antioxidant MitoQ treatment on offspring vascular function in a rat model of intrauterine growth restriction (IUGR).* (Poster presentation).

40. **WCHRI Research Day, 2016** MM Aljunaidy, JS Morton, R Kirschenman, V Vuong, CL Cooke, T Phillips, CP Case and ST Davidge. *Effect of maternal antioxidant nMitoQ treatment on offspring cardiovascular function in a rat model of intrauterine growth restriction (IUGR).* (Oral presentation).

41. **Physiology Research Day, 2016** MM Aljunaidy, JS Morton, R Kirschenman, V Vuong, CL Cooke, T Phillips, CP Case and ST Davidge. *Effect of maternal antioxidant MitoQ on cardiomyocyte development in a rat model of intrauterine growth restriction (IUGR*). (Oral presentation).

42. **OBGYN Research Day, 2016**: MM Aljunaidy, JS Morton, R Kirschenman, V Vuong, CL Cooke, T Phillips, CP Case and ST Davidge. *Effect of maternal antioxidant MitoQ on cardiomyocyte development in a rat model of intrauterine growth restriction (IUGR)*. (e Poster presentation).

43. **Global Health Symposium/Biomedicine session, 2016**: MM Aljunaidy, JS Morton, R Kirschenman, V Vuong, CL Cooke, T Phillips, CP Case and ST Davidge. *Effect of maternal antioxidant MitoQ on cardiomyocyte development in a rat model of intrauterine growth restriction (IUGR).* (Oral presentation; invited talk).

44. **Global Health Symposium/Biomedicine session, 2016**: MM Aljunaidy, JS Morton and ST Davidge, *Mechanisms of maternal vascular function adaptations in response to hypoxia in a rat model of fetal growth restriction.* (Poster presentation).

45. **Graduate Seminar Series, 2016**: MM Aljunaidy, JS Morton, R Kirschenman, V Vuong, CL Cooke, T Phillips, CP Case and ST Davidge. *effect of the antioxidant MitoQ on placental oxidative stress markers in a rat model of intrauterine growth restriction.* (Oral presentation).

46. **WCHRI Research Day, 2015**: MM Aljunaidy, JS Morton, R Kirschenman, V Vuong, CL Cooke, T Phillips, CP Case and ST Davidge. *Effect of maternal antioxidant MitoQ on cardiomyocyte development in a rat model of intrauterine growth restriction (IUGR).* (Oral presentation).

47. **HYRS Open House, 2015**: V Vuong, MM Aljunaidy, A Quon, JS Morton, and ST Davidge *Effect of the antioxidant MitoQ on placental oxidative stress markers in a rat model of intrauterine growth restriction.* (Poster presentation presented by my trainee).

48. **Graduate Seminar Series, 2015**: MM Aljunaidy, JS Morton and ST Davidge. *Mechanisms of vascular dysfunction in a rat model of preeclampsia and fetal growth restriction.* (Oral presentation).

49. **Physiology Research Day, 2015**: MM Aljunaidy, JS Morton and ST Davidge. *Mechanisms of maternal vascular function adaptations in response to hypoxia in a rat model of fetal growth restriction.* (Oral presentation).

50. **Graduate Residence Student Conference, 2015**: MM Aljunaidy, JS Morton and ST Davidge. *Mechanisms of maternal vascular function adaptations in response to hypoxia in a rat model of fetal growth restriction.* (Oral presentation).

51. **OBGYN Research Day, 2015**: MM Aljunaidy, JS Morton and ST Davidge. *Altered maternal vascular function in a rat model of fetal growth restriction.* (Oral presentation).

52. **WCHRI Research Day, 2014**: MM Aljunaidy, JS Morton and ST Davidge. *Mechanisms of vascular dysfunction in a rat model of preeclampsia and fetal growth restriction.* (Poster presentation).

53. **HYRS Open House, 2014**: J Ko, MM Aljunaidy, A Quon, JS Morton and ST Davidge. *Effect of egg-derived tripeptide IRW (Ile-Arg-Trp) on placental oxidative stress markers in sprague-dawley rats.* (Poster presentation, Presented by my trainee)**.**

54. **Physiology Research Day, 2014**: MM Aljunaidy, JS Morton, A Care, K Majumder, J Wu and ST Davidge. *Effect of the egg-derived tripeptide IRW (Ile-Arg-Trp) in a rat model of preeclampsia.* (Poster presentation).

55. **Salford Postgraduate Annual Research Conference (SPARC), 2011**: MM Aljunaidy, LK Harris, JD Aplin, A Robson, GE Lash, NJ Bulmer & PR Baker. *Are chorionic arteries a good experimental model to study myometrial spiral arteries remodelling?* (Oral presentation).

56. **Biomedical Imaging Institute (BII) 2nd Annual Showcase, 2010**: MM Aljunaidy, LK Harris, JD Aplin, A Robson, GE Lash, NJ Bulmer & PR Baker. *Uterine natural killer cells which can disrupt the vascular smooth muscle cells of myometrial arteries have no potential effect on chorionic arteries*. (Poster presentation).

57. **Works in Progress Presentations, 2010:** MM Aljunaidy, LK Harris, JD Aplin, A Robson, GE Lash, NJ Bulmer & PR Baker. *Spiral artery remodelling in the myometrium and the involvement of uNK cells in this phenomenon*. (Oral presentation).

58. **Generic Research Methods Assessment of the Master of research (MRes) students in Maternal and Fetal Health Research Group, 2009**: MM Aljunaidy, LK Harris, JD Aplin. *An investigation of the structural changes that occur in the myometrial spiral arteries to facilitate trophoblast invasion*. (Poster Presentation).

Scholarships and recognition awards

1. In collaboration with Dr. Nadim Adi (from the Department of Interior Design) and Dr. Christopher J Johnson (from the Department of Sociology), we were the **top five finalists at the Annual Alzheimer's Association Pitch Competition for the best idea** to improve the life quality of people suffering from Alzheimer. The competition which was held in Chicago received 35 submissions from 10 countries and selected five finalists, 2024

2. **Successfully applied and received COST Action CA23112 fund** to start an international research project in collaboration with 107 scientists globally. Proposal Reference OC-2023-1-26513. Title: Critical perspectives on career and career guidance. Work group: Policy responses to contemporary challenges to individuals' careers, 2024

3. **Departmental Merit Award**. $1000 towards research or travel. Texas State University, 2024

4. Sustainability Idea Market Finalist at the **Sustainability Research, and Innovation (SRI) Congress**, (only 19 researchers were selected globally as finalists out of 1500 participants), 2023, Panama City

5. Best poster presentation award, **Marie Curie Alumni Association Conference**, 2022, Lisbon

6. Art & Science Competition winner, a global competition by OWSD Mauritius Chapter & Carpe Diem Art Therapy NGO, 2021, **UNESCO**

7. Shortlisted in 2020 **Athena 40**, among the 120 most forward-thinking women from all over the world. The selection was made through a merit-based process. The shortlisted and finalists are women who have demonstrated passion, purpose, and excellence in improving people's lives. Athena40 is an initiative launched by the Global Thinkers Forum, a London-based organization focusing on three areas: accountability in leadership, women's empowerment, and youth development.

8. An invitation for an oral presentation and to write a review paper after submitting my scientific work for the **Experimental Biology (EB)** international meeting in Chicago in 2017 (the meeting hosts thousands of scientists around the world and getting a spot for a talk at the EB is very prestigious).

9. Best poster presentation award (20 prizes out of >650 abstracts) at the international meeting of the **Society for Reproductive Investigation (SRI)**, 2018, San Diego

10. Best oral presentation award: Both people's choice and judges' choice, first place, Department of **Physiology Research Day**, 2016, Edmonton

11. Best poster presentation award: **Global Health Symposium**, Biomedicine session, 2016, Edmonton

12. Winner of the **Natural Sciences and Engineering Research Council of Canada (NSERC)** Science Exposed contest, 2016

13. Best oral presentation award: **Graduate Residence Student Conference (GRSC)**, first place, 2015, Edmonton

14. **WCHRI Graduate Scholarship**: Value: $24,000, 2015 & 2016, Edmonton

15. Congratulatory letter from Dr. David Turpin (president of the University of Alberta) for study excellence and membership of the **Golden Key International Honour Society** which recognizes high achieving graduate students, 2015

16. Nominated by the Department of Physiology for **University of Alberta Centenary Graduate Award**, 2014

17. **Faculty of Medicine & Dentistry 75th Anniversary Award**: University of Alberta, value: $7,500, 2013

18. University of Alberta **Doctoral Recruitment Scholarship**, value: $10,000, 2013

Travel awards

1. Department of Psychology (TxState): New York City 2023 & Honolulu 2024. Value: $2000 each. San Fransisco. Value: $1000.

2. Future Earth: Panama City 2023 & Helsinki 2024. Value: $1500 & $3000 respectively.

3. Researcher Mental Health Observatory (ReMO); European Union: Trondheim 2022 & Grenoble 2022. Value: €1700 & €2000 respectively.

4. Department of Obstetrics and Gynaecology (U of A): San Diego 2018, Banff 2018, Rotterdam 2017, Orlando 2017, Banff 2016, Montreal 2016 & Montebello 2015. Value: $500- $1000 each.

5. Department of Physiology (U of A): Rotterdam 2017, Chicago 2017, Montreal 2016 & Montebello 2015. Value: $1500 for international travel and $1000 for Canada and USA.

6. Women and Children's Health Research Institute (WCHRI): Chicago 2017. Value: $750.

7. Canadian Institutes of Health Research (CIHR) National Competition: Winnipeg 2017. Value: $1000.

8. Graduate Student Association - University of Alberta: San Diego 2018 & Chicago 2017. Value: $500.

9. Welcome Trust Travel Award - University of Manchester: London 2010. Value: £100.

Selected professional development programs

1. **Teaching Online at Texas State University course (ODEL training)**, Grade: A, 2024.

2. **What's in Your Wallet? Teaching Tips That Pay Off for You and Your Students**, 1 hour, by Faculty Development 2024
3. **Global Relevance in Science Communication Workshop,** 4-hours, by Global SCAPE 2023

4. **Justice, Equity, Diversity & Inclusion (JEDI)** in Science Communication Workshop, 4-hours, by Global SCAPE 2023

5. **Online Teaching Workshop**,1-hour 2023

6. **Mental Health Ambassador**, Researcher Mental Health Observatory (ReMO) Workshop, 27-hour Grenoble Ecole de Management, Grenoble, France 2022

7. **Teaching and Learning in Higher Education Program Certificate**, University of Alberta, Edmonton, Canada. 2014
   The program counts formally as a full-term teaching experience in higher education (72-hours) and contains the following levels:

   I- **Graduate Teaching and Learning Course level 2**: It counted as 50 hours of training in post-secondary teaching training. This level included practical training about how to prepare course syllabus, curriculum, reading materials, exam questions, quizzes, grading tests, giving feedback, receiving feedback, delivering lectures, and facilitating classroom discussions.
   Title of the final lecture project: *Artificial wombs: between myth and reality*

   II- **Graduate Teaching and Learning Course level 1**: It counted as 22 hours of pedagogy training.

Organizing conferences / Research meetings

1. **Organizing committee member of Future Earth Assembly Meeting,** Helinski, Finland 2024

2. **Organizing committee member of Future Earth Assembly Meeting,** Panama City, Panama 2023

3. **Organizing committee member of the Sustainability Research & Innovation Congress,**

   Panama City, Panama 2023

4. **Organizing committee member** of the Department of Physiology Research Day, TxState 2023 & 2024

5. **Organizing committee member of Future Earth Assembly Meeting,** Paris, France 2022

6. **Organizing committee member of the Sustainability Research & Innovation Congress,** Pretoria, South Africa 2022

7. **Keynote coordinator** of the Department of Physiology Research Day, U of A 2016

8. **Poster judge** at the Department of Physiology Research Day (2016) & Festival of Undergraduate Research & Creative Activities (FURCA, 2014 & 2015)

Professional membership and services

1. Member of the **Monitoring Program Committee**, Texas State University. 2024 - Current

2. Member of the **Committee for Belonging and Cohesion**, Texas State University 2023 - Current

3. Member of the **Alliance of Researchers in Aging (ARIA)**; Texas State University 2022 - Current

4. Member of the **Inclusive Excellence Committee**; Texas State University 2022

5. Member of the **Researcher Mental Health Observatory (ReMO)**; European Union 2021 - Current

6. Member of the **Future Earth Assembly** that is responsible on shaping up the global agenda of sustainability research 2021 - Current

7. Member of the **Early Career Researcher Network of Networks (ECR NoN)** 2021 - Current

8. A global friend of volunteering at the **International Association of Volunteer Effort (IAVE)** 2021 - Current

9. International full member of **Organization for Women in Science for the Developing World (OWSD)**; a program unit of **UNESCO** focuses on gender equality and diversity 2019 - Current

10. Member of **Women & Children's Health Research Institute** (WCHRI) 2013 - Current

11. Member of the **Golden Key International Honour Society** 2015 - Current

12. Member of the **Society of Reproductive Investigations** (SRI) 2013 - 2018

13. **VP communication** in the Physiology Graduate Students Association (PGSA) 2016 - 2017

14. **Member at large** in Michener Park Resident's Association 2013 – 2014

Recent virtually attended international scientific and professional meetings

1. Sustainable Research and Innovation (SRI) congress, virtual meeting, Pretoria, South Africa, 21st – 24th of June 2022.

2. "ReMO Webinar: Influence of the Built Environment and your Workspace on Mental Well Being". 26 May 2021.

3. Generation Equality Forum, virtual meeting, Mexico City, Mexico, 29th to the 31st of March 2021.

4. Artificial Intelligence in Healthcare 2nd Annual Symposium, Computation and Psychiatry, virtual meeting, Edmonton, Canada, 13 March 2021.

5. 3rd Athena40 Global conversation, Women Leadership in Times of Crisis, virtual meeting, London, UK, 8 March, 2021.

6. Neuroscience and Mental Health Institute 22nd Annual Research Day, virtual meeting, Edmonton, Canada, 4 March, 2021.

Clinical experience

1. **Clinical attachment**: Sick Kids Hospital, neonatology (1 month), University of Toronto, Toronto, Canada 2012

2. **Clinical attachment**: Salford Royal Hospitals, NHS. Obstetrics and gynaecology (6 months), endocrinology (1 months), neurosurgery (1 months) and Mac Millan Cancer Support (3 months), Manchester, UK 2008-2009

3. **Clinical internship**: University of Damascus Hospitals, Damascus, Syria 2004-2007

Media coverage

1. Psychreg News 2024. https://www.psychreg.org/ai-holds-promise-enhancing-art-therapy-requires-further-refinement-human-oversight/

2. An interview by Researcher Mental Health Observatory (ReMO) for their website 2022.

3. An interview by New Trail Magazine 2021. https://www.ualberta.ca/newtrail/media-library-new/magazine-covers-pdfs/ntspring2021-lowres.pdf. (Page 44)

4. An interview by Momentum Magazine 2021. https://www.ualberta.ca/medicine/news/2021/03/mais-alijunaidy-alumni-profile.html.

5. Athena40 Global Conversation 2021. https://www.youtube.com/watch?v=Q4v3WdSORQ4.

6. The 2020 Athena40 List, 2020. https://www.athena40forum.com/the-2020-athena40-list.

7. Studentship Booklet, WCHRI scholarship, 2016, page 10. https://issuu.com/wchri/docs/wchri-0012_graduate_studentship pro.

8. Growing 10 Years of Research Excellence in Women and Children's Health, WCHRI, 2016, Pages 22&23. https://www.wchri.org/sites/default/files/2016_WCHRI_10YearReport4_Final_2016.06.09.pdf.

Education

1. **Doctor of Philosophy (PhD)**, Department of Physiology, Faculty of Medicine, University of Alberta, Edmonton, Canada 2013-2018

2. **Medical Council of Canada Evaluation Examination (MCCEE**; passed**)**, Canada 2013

3. **Clinical attachment**, Sick Kids Hospital, University of Toronto, Toronto, Canada 2012

4. **Master of Research (MRes)**, Department of Maternal and Fetal Health, Faculty of Medicine, Manchester University, Manchester, UK 2009-2010

5. **Clinical attachment**, Salford Royal Hospitals, NHS, Manchester, UK 2008-2009

6. **Medical Degree (MD)**, Damascus University, Damascus, Syria 2001-2007