# Fadwa M.B. Al Mughairbi P.O. Box 15229, Al-Ain, UAE Tel (Off. direct): 03-7136469 Mob: 050-4481077 Email: <u>f.almughairbi@uaeu.ac.ae</u>

#### **Academic Qualifications**

- **1997-1999** PhD in Psychobiology (Behavioral Neuroscience), State University of New York at Binghamton, N.Y., USA.
- **1993-1997** MA in Psychobiology, State University of New York at Binghamton, N.Y., USA
- **1986-1982** BA in Psychology, University of United Arab Emirates, Al-Ain UAE.

#### Certificates

- 7 12<sup>th</sup> Jan. 2018 5 Day Specialist Training in Mindfulness-Based Cognitive Therapy, in house training in UAE by The Centre for Mindfulness Research & Practice, Bangor University, UK.
- 14 15<sup>th</sup> Jan. 2018 2 Day workshop on Mindfulness Inquiry. in house training in UAE by The Centre for Mindfulness Research & Practice, Bangor University, UK.
- 7 13<sup>th</sup> Jan. 2017 Teacher Training Retreat Level 1 (7 day residential). The Centre for Mindfulness Research & Practice, Bangor University, UK.
- Sep. 2012 June 2013 CBT Skills Practitioner Certificate, Libya Foundation for Rehabilitation. Course was taught by: Oxford Cognitive Therapy Center (UK) and was given in Malta.
- **3 6 Nov. 2013** Integrated Part 1 & 2 Cultural Transformation Tools Training (CTT). Barrett Values Center. Dubai, UAE.
- May- August 2012The Distance Learning Mindfulness-Based 8 Weeks<br/>Course, Centre for Mindfulness Research and Practice,<br/>School of Psychology, Bangor University, UK

September 2012 5 days Intensive Mindfulness Based Stress Reduction Course, Centre for Mindfulness Research and Practice, School of Psychology, Bangor University, UK

#### Work Experience

- 08/ 2021 to date Assistant Dean for Students Affairs (Health Sciences), College of Medicine & Health Sciences, UAEU
- 09/ 2021 to date Associate Professor, Dep. of Clinical Psychology, College of Medicine & Health Sciences, UAEU
- **1999 to 09/2020** Assistant Professor, Psychology Program, College of Humanities and Social Sciences, UAEU.
- **09/2013-08/2019** Assistant Dean for Research & Graduate Studies, College of Humanities & Social Sciences, UAEU.
- 2008-2012 Chair, Psychology and Counseling Program
- 2005 2007 Coordinator for Thinking Skills course
- **1992-1999** Teaching Assistant, Dep. of Psychology, UAEU.
- 1990-1991Research Assistant, Center of Psychological and Social<br/>Studies, University of UAE
- **1986-1990**Psychiatric-Social Worker, Psychiatry outpatient clinic,<br/>Tawam Hospital, Al-Ain, UAE.

#### **Other Positions**

- Feb 2020- Jan 2021: Advisor to the Chairman, Abu Dhabi Dep. of Community Development.
- 2013-to date: Licensed psychotherapist: Canadian Care Center, Al Ain, UAE. License no. GT16691
- 2006-2012: Owner and Chief Editor of Al Ain Times News Paper
- 2007 Vice President of Emirates Psychological Association (EPA)
- 2002-2007 Vice President of the "Ideal Arab Mother, and Ideal Arab Family" Contests, Dubai Festival. UAE.

# Language Proficiency

Arabic: Mother tongue
English: Fluent (writing, reading, speaking)
Urdu: Fluent (writing, reading, speaking)
Hindi: Fluent (speaking), Moderate (writing, reading)
French: Moderate
Italian: Basic
Arabic sign language: Fluent (Libyan & Egyptian)

## **Community Involvement**

- Was a member of "AD Crisis Management Team," As part ADDCD, I was in the team focusing on the psychological issues of the labors (March 2020-Dec 2020).
- Member Foster Family Committee, Dar Zayed for Orphans. Also analyzing the foster family screen test.
- Offered Consultation and was a Scientific Advisory Committee member for the Family Development Foundation, Abu Dhabi.
- Volunteer in the UAE Red Crescent & Jusoor.ae

# Research and Work Experience

After I got my BA in Psychology, I worked as a psychiatric social worker for four years. I was trained to take in case histories, provide clinical interviews to patients, and provide behavioral therapy for individuals with phobias (under supervision). I was also providing psychological support to terminal cancer patients and involved in a day hospital setting for psychiatric clients.

During my graduate years, I studied brain cell degeneration and the effect of neural insult on behavior and brain morphology. I learned brain sectioning, staining and immunohistochemical techniques in the lab of Dr. Karl F Jensen, in the US Environmental Protection Agency, North Carolina (2 months: May 1996 and April 1999).

During my sabbatical in September 2012, I took CBT courses offered by Oxford cognitive Therapy Center (UK) in Malta under the umbrella of LFR, a Libyan NGO. The course involves several workshops and ongoing supervised practicum training. I have completed the practicum hours required in the National Rehabilitation Center, Abu Dhabi, UAE.

I started my Mindfulness training in 2012, currently, I am teaching mindfulness (both in Arabic and English) under the supervision of Bangor University, UK.

I have a good experience in designing in vivo experimental paradigms that include behavioral testing, as well as standardizing and developing psychological assessment scales.

In April 2011, I have proposed a "Psychological Support for PTSD Victims in Areas Affected by War and Natural Disasters" to UAE University and UAE Red Crescent. We got the Approval of the University and volunteered in the Red Crescent. However, my colleagues and I traveled on our own risk during holidays and offered free workshops for volunteers and victims, certificates of attendance were given to all participants by CEC, UAEU. I had been involved in training volunteers on PTSD management. I have trained over 200 volunteers and Libyans affected by war in Tunisia and UAE. As a member of Department of Psychology and Counseling in UAE University; all lectures/workshops given are professional and are in agreement with professional ethics of International Psychological Associations.

I run the Behavioral Neuroscience Lab, Psychology Department. We have different projects investigating the effect of different herbal extracts on brain and cancer cell lines. Every semester I have undergraduate students participating in different research activities in the lab and present posters in conferences in the UAE.

Since March 2020 I have been conducting different workshops on PFA, stress management, resilience and coping strategies as part of my community service. I had conducted more than 30 workshops until now and registered for more.

Furthermore, as part of ADDCD, I was part of a team from "Abu Dhabi Crisis Management Committee), Our team worked with labors' psychological issues. My team and I trained over 250 labor camp managers and workers on Psychological First Aid & Stress Coping Strategies.

## Accomplishments as a Chair

As a chair, I have managed to accomplish all of the goals that I have set and promised. I have managed to set a behavioral neuroscience lab, which will be functioning soon; I have managed to improve the experimental and cognitive psychology lab, change the undergraduate curriculum, start a MSc in Clinical Psychology program, and my final goal is on progress: providing psychological services to the community.

During my second year as a chair of the department I have succeeded, with the support of my colleagues, in organizing the 1<sup>st</sup> International Conference

for Psychological Sciences and Applications. The Conference ran from 15-18 March 2010, it contained different workshops and lectures. We had over 40 presenters from different countries, including UAE, USA, Canada, Pakistan, Lebanon, Kuwait, Bahrain, England and Egypt.

As a chair I have managed to solicit and establish collaborations with different government and private organizations in the UAE. I have encouraged my colleagues to participate in different projects, outreaching and participating in the psycho-social wellbeing of the community. We have signed two research agreements with The Ministry of Presidential Affairs, in which I was a PI in one of them. We have work collaborations and different projects with the Ministry of Education, Ministry of Social Affairs, Social Support Center (Ministry of Internal Affairs), Zayed Higher Organization for Humanitarian Care, UAE Red Crescent, Dubai Health Authority, Dubai Foundation for Women and Children, and The Family Development Foundation.

## Accomplishment as an Assistant Dean for Research and Graduate Studies

- I encouraged research activities in the college by updating/improving labs and offering financial supports to faculty members who didn't have grants to attend important conferences/meetings or to pay for research assistants, publications or manuscript editing.
- I hired lab specialists/RA for Geography, Sociology and Psychology labs as well as other RA for faculty members to help in research activities and paid them from the office fund.
- Promoting and encouraging research activities and grants' applications. The number of research grants increased in the college in the past 6 years.
- My team and I implemented a good marketing plan and managed to increase the number of graduate students in the college.
- Offered financial aid to graduate/undergraduate students by encouraging them to work with faculty members as research assistants or in my office.
- Advocated for graduate students and managed to get tuition waiver for two of our PhD students.
- Assigned offices, computers and printers for the graduate students and for the research assistants

- Since most of our graduate students come from other Emirates and commute for their classes, I prepared a coffee/study room assigned especially for them.
- I was a member in several taskforces such as "Ranking Taskforce" which worked on promoting UAEU reputation and ranking. I participated in the QS conference in India as part of this goal.

# Selected Workshops and Community Service Activities

- 21 March 2021: Invited talk on Sport and Mental Health, Pregna Joy club & Al Ain Ladies club in collaboration with CMHS.
- 2 March 2021: Workshop for Ministry of Energy & Infrastructure (online) on Positivity in Life.
- January 2021: Workshop on "Sport it Out", Ma'an (online)
- 28 October 2020: Workshop on Family role in the development of children's mental wellbeing. FDF Al Ruwais (online)
- 14 October 2020: Workshop on Resilience & Coping Strategies, Zayed Humanitarian Organization (online)
- March 2020 until December 2020: More than 25 workshops on "Stress Management, Psychological First Aid (PFA), Resilience & Coping Strategies, Optimism, and Mindfulness." I have trained more than 250 workers from different organizations including WEQAYA and labor camps mangers & administrators. Workshops were given to different organizations, e.g. Abu Dhabi School of Government, Abu Dhabi Environment Authority, FDF, and ADDCD.
- March December 2020: more than 20 online workshops for different organizations including FDF, ADDCD, AD Government Academy. And 4 Radio "1 minute" positive messages that were broadcasted on "Radio One". Workshops topics were on stress reduction techniques, mindfulness, and positivity.
- 5 May 2019: Workshop for UAEU staff "How to Live Mindfully" (Arabic).
- 17 October 2018: Workshop for Geography Department "How to Live Mindfully".

- 5 7 December 2017: Workshop on "Creativity & Innovation", General Authority of Islamic Affairs & Endowments, Al Ain, UAE
- 9, 10 October, 1, 21 November 2017: Workshops for
   "International Day for Older Person" organized by Art and Science International Academy for Family Development Foundation, in different locations in Al Ain & Abu Dhabi
- -- 28 February 2016: Lecture on "Stress and Health), Women Union, Abu Dhabi, UAE.

# **Other Research /Community Service Activities**

- Founded the Behavioral Neuroscience lab in the Psychology program with my startup grant and requested extra support from the university fund that is allocated to research equipment. The lab had trained several undergraduate students on cell culture and other research activities.
- I was a team member of a committee who prepared the proposal of "Emirates Center for Happiness Research", in UAEU in 2016, and I am an advisory board member.
- Co-prepared a screening test for foster families with Dr. Khalaf Nassar, and Abdalla Hamid (Department of Psychology & Counseling, UAEU), for Dar Zayed, Al Ain (a government organization dealing with orphans and abandoned children in UAE).
- Prepared "Professional Diploma in Leadership in Philanthropy" with the collaboration of UAEU Continuous Education Center (2017).
- Co-prepared the Proposal of the "Emirates Center for Happiness Studies" (2017).
- Was Part of the team who standardized the ISPCAN's Child Abuse Screening Tool (ICAST) on Emirates Society in collaboration with "Dubai Foundation for Women and Children" (2012-2013).
- The scientific supervisor of the team who prepared for ADEC and MOE "Qualification Exam for Social Workers" and assessment tools for the new applicants for the job (2018-2019).
- Worked with Emirates Center for Happiness Studies and Melbourne University in "Positive Education in UAE". I am the PI

from UAEU (2018-2019) in collaboration with the Prime Minister Office (PMO).

- I was the team leader in a research project requested by the Ministry of Presidential Affairs in 2010 (grant of AED 340,000). However, as per our agreement with the ministry, we couldn't publish the results.
- Prepared the UAEU nursery proposal by the request of Ms. Aisha Alfalahi from the students' affairs office. I was also the chair of the committee who prepared the curriculum (2013).
- Was part of the team, who prepared "Tala Project" for children without social support (in collaboration with Tebyan International). The project was funded by Khalifa Humanitarian Foundation and renamed "Khalifa Bin Zayed Village for Social Care" and is located in Om Al Qwain.

# Publications

- Fadwa Al Mughairbi, Rukhsana Nawaz, Faisal Khan, Amina Hassan, Heba Ahmed, Alia Alshamali, Sagheer Ahmed & Asma Bashir (2021). Neuroprotective effects of Bhilawanol & Anacardic Acid during glutamate-induced toxicity. Saudi Pharmaceutical Jouranl, Elsevier, 29(9): 1043-1049 doi: 10.1016/j.jsps.2021.07.011. https://pubmed.ncbi.nlm.nih.gov/34588850/
- Sagheer Ahmed, Saeed Khan, Imran Imran, Fadwa Al Mughairbi, Fahad Sultan Sheikh, Javid Hussain & Ajmal Khan (2021). Vaccine Development against COVID-19: Study from Pre-Clinical Phases to Clinical Trials and Global Use. Vaccines, MDPI <u>https://pubmed.ncbi.nlm.nih.gov/34451961/</u>
- Rateb Katmah, Fares Al-Shargie, Usman Tariq, Fabio Babiloni, Fadwa Al Mughairbi & Hasan Al-Nashash. (2021). A Review on Mental Stress Assessment Methods Using EEG Signals. Sensors, MDPI. <u>https://www.mdpi.com/1424-8220/21/15/5043</u>
- Sagheer Ahmed, Saima Gul, Muhammad Akhlaq, Abrar Hussain, Sidrah Tariq Khan, Halimur Rehman, Muhammad Hanif Bangash, Fadwa Al Mughairbi & Muhammad Hamid Hamdard (2021). Estimation of polymorphisms in the drug- metabolizing enzyme, cytochrome P450 2C19 gene in six major ethnicities of Pakistan. *Bioengineered*, Taylor & Francis <u>https://www.tandfonline.com/doi/full/10.1080/21655979.2021.19</u> <u>55809</u>

- Nayla Munawar, Khansa Ahsan, Khalid Muhammad, Aftab Ahmad, Munir A. Anwar, Iltaf Shah, Ahlam Khalifa Al Ameri & Fadwa Al Mughairbi. (2021). Hidden Role of Gut Microbiome Dysbiosis in Schizophrenia: Antipsychotics or Psychobiotics as Therapeutics?. International Journal of Molecular Sciences, MDPI. <u>https://pubmed.ncbi.nlm.nih.gov/34299291/</u>
- Nailah Mahmood, Rukhsana Nawaz, Hidaya Abdul Kadir, Fadwa Al Mughairbi. (2021) Genetic biomarkers in association with depressive disorder among UAE residents: A pilot case study. Oman Medical Journal, Elsevier. <u>https://pubmed.ncbi.nlm.nih.gov/34548933/</u>
- Rukhsana Nawaz, Saima Gul, Rafat Amin, Tanzeel Huma & Fadwa Al Mughairbi. (2020). Overview of schizophrenia research and treatment in Pakistan. *Heliyon*, Cell Press. DOI: <u>http://doi.org/10.1016/j.heliyon.2020.e05545</u>
- Mueller, S.C., Unal, C., Saretta, M., Al Mughairbi, F., Gomez-Odriozola, J., Calvete, E., Metin, B. (2020). Working memory and emotional interpretation bias in a sample of Syrian Refugee adolescents, *European Child and Adolescent Psychiatry*. Springer. <u>https://link.springer.com/article/10.1007/s00787-020-01656-8</u>
- Aljassmi, H., Ahmed, S., Philip, B., Al Mughairbi, F., Al Ahmad, M. (2019). "E- happiness physiological indicators of construction workers' productivity." Journal of Asian Architecture and Building Engineering. Taylor & Francis <u>https://www.tandfonline.com/doi/pdf/10.1080/13467581.2019.1687090?</u> <u>needAccess=true</u>
- Fadwa Al Mughairbi Ahmed Abdulaziz Alnajjar & Abdalla Hamid, (2019). Effects of Psychoeducation and Stress Coping Techniques on Posttraumatic Stress Disorder Symptoms. *Psychological Reports*. Sage <u>https://journals.sagepub.com/doi/abs/10.1177/0033294118825101?journ</u> <u>alCode=prxa</u>
- Faisal Khan, Asma Bashir & Fadwa Al Mughairbi (2018). Purple Tea Composition and Inhibitory Effect of Anthocyanin-Rich Extract on Cancer Cell Proliferation. *Medicinal and Aromatic Plants*, Vol 7 (6): 322. DOI: 10.4172/2167-0412.1000322 <u>https://www.omicsonline.org/peer-</u> reviewed/purple-tea-composition-and-inhibitory-effect-of-anthocyaninrichextract-on-cancer-cell-proliferation-106688.html
- Karunavira & Al Mughairbi, F. (April, 2017). Teaching mindfulness in a Arab-Islamic context. Retrieved from: Bangor University, <u>https://www.bangor.ac.uk/mindfulness/blog/teaching-mindfulness-in-an-arab-islamic-context-31844</u>

- Al Mughairbi, F., Alghorani, M.A., Alshaikh, M.M., Darwish, A. M., and Ahmed, A. E., (2013). <u>Behavioral Problems Scale: for Age groups 5 – 11,</u> and 12 – 18) (Arabic). Ministry of Education. Unit of Students Counseling. UAE
- Bu Hannad, N. & **Al Mughairbi, F**. (2009). <u>Health and Psychological Care of</u> <u>Pregnant Woman.</u> (Arabic). Dubai: Memory Media LLC.
- Albaili, M., AlSwaidi, K., Bu Hannad, N., **Al Mughairbi, F.**, Sai, F., &Al Sayed, M. (2005). <u>Thinking Skills.</u> (Arabic). Al Ain: UAEU University
- Sayed, M. A. & **Al Mughairbi, F.** (2005). <u>Psychopathology</u> (Arabic). Abu Dhabi: PRI mary LLC.
- Isaacson, R.L., Fahey, J.M., and **Al-Mughairbi**, **F.** (2003) Environmental conditions unexpectedly affect the long-term extent of cell death following a hypoxic episode. *Ann. N.Y. Acad. Sci.*, 993, 179-194.

# **Conference Proceedings**

- Amina Hassan, Nailah Mahmood, Heba Tageldeen Ahmed, Rukhsana Nawaz, Faisal Khan and Fadwa Al Mughairbi .Comparison of Neurotoxicity of L-Monosodium Glutamate and a Commercially Available Glutamate Salt in PC-12 cells. In conference proceeding of the 4th International Conference on Educational Neuroscience, March 10 – 11, 2019, Abu Dhabi, UAE.
- Rukhsana Nawaz, Faisal Khan, Amina Hassan, Nailah Mahmood, Heba Tageldeen Ahmed, Alia Ali Al Shamali, and Fadwa Al Mughairbi. Gems from past: Neuroprotective effects of Bhilawinol and Anacardic acid against Glutamate-induced excitotoxicity in PC-12 cells. In conference proceeding of the 4th International Conference on Educational Neuroscience, March 10 – 11, 2019, Abu Dhabi, UAE.
- Heba Tag, Hidaya M.A.Kader and Fadwa Al Mughairbi. Neuroprotective Effects of Kuromanin Chloride (Anthocyanin) Against Glutamatergic Excitotoxicity in Neuroblastoma Cells. In conference proceeding of the 4th International Conference on Educational Neuroscience, March 10 – 11, 2019, Abu Dhabi, UAE.
- Fadwa Al Mughairbi, Faisal Khan, Saima Ilyas, Yasmeen Shad and M.I. Choudhary. From old remedy to modern therapy: Neuroprotective effects of Semecarpus Anacardium on the 1-moosodium glutamate

treated rats and neuronal cells. In conference proceeding of the 4th International Conference on Educational Neuroscience, March 10 – 11, 2019, Abu Dhabi, UAE.

- Al Mughairbi, F. (2013). An insider's story: applying CBT as a trainee in an Arab context. In conference proceeding of The 43rd Annual Congress European Association for Behavioural and Cognitive Therapies (2013). Marakash, Moroco.
- Shad, F., Al Mughairbi, F. (2006): Determination of Fluoride: Dementia relationship by using cultured mammalian brains. In conference proceeding of the SfN 36<sup>th</sup> Annual Meeting. Atlanta, USA.

## Graduate Students' Supervision

- Nathalie Al Asmar, MSc in Clinical Psychology, UAEU (2021). Supervisor
- Nailah Mahmood, MSc in Clinical Psychology, UAEU (2019). Supervisor
- Safa Ali Bait Jameel, MSc in Clinical Psychology, UAEU (2017). Cosupervisor
- Sarah El Nabulsi, MSc in Clinical Psychology, UAEU (2015). Cosupervisor
- Fiona Barron, MSc in Clinical Psychology, UAEU (2015). Co- supervisor
- Fawzia Shams, MA in Education, Ain Shams University (2009). Cosupervisor
- Batool Alsayegh, MA in Education, Ain Shams University (2000). Cosupervisor
- Taregh Shaban, PhD in Clinical Psychology, University of Exeter (on progress). Co-supervisor.

#### Grants

- Ministry of Presidential Affairs: 2010-2011 (AED 340,000)
- Ministry of Education: 2012 (AED 168,000)
- UAEU Startup Grant: 2013 2016 (AED 385,000)
- UPAR Grant: 2016 -2020 (AED 800,000)
- Faculty Research Grant 2020, American University of Sharja: 1 june 2020 31 May 2023 (AED 750,000), CoPi

## Affiliation

- World Women in Neuroscience, USA
- International Behavioral Neuroscience Society (IBNS)
- Society for Neuroscience (SfN)

- International Positive Psychology Association (IPPA)
- UAE Red Crescent (registered volunteer)
- Jusoor. ae (registered volunteer)

## Conferences

- May 2020Zoom symposium: "Learning Motivation in GCC During COVID<br/>19 Crisis." Department of Psychology, Sultan Qaboos<br/>University, Oman.
- March 2019 Workshop: "Mindfulness-based stress reduction: An introductory. 4<sup>th</sup> International Conference on Educational Neuroscience. Abu Dhabi, UAE.
- April 2017 Speaker: "Cognitive Behavioral Therapy for Social Phobia in a Confined Environment in an Arab Culture. MEPA Conference, Dubai, UAE.
- March 2017 Workshop on "Psycho-Social Counseling in Changing Societies", King Abdelaziz Medical City, Jeddah, KSA
- Feb. 2017Debate in QS in Conversation Conference: "Women's Higher<br/>Education for Leadership and Social Innovation." Jaipur, India.
- Jan. 2016Keynote speaker: "Sounds of the Unheard". World Disability &<br/>Rehabilitation Conference 2016, Colombo, Sri Lanka.
- Feb. 2014Symposium: Science, Sport, and the Mind. 1st International<br/>Conference in Sport Psychology & Embodied Cognition. UAEU,<br/>Al Ain
- Sep. 2013 Symposium: Dissemination of CBT in Arab Countries: A pilot Project on training Libyan Clinician. EABCT 43<sup>rd</sup> Annual Congress. Marrakech, Morocco.
- May 2012Family Role in Modern Society. Speaker, presentation titled:<br/>Family Role in the Children's Psychological Well-Being. Social<br/>Support Center, Ministry of Internal Affairs, Abu Dhabi.
- May 2012Social Work & Youth Issues. Speaker, presentation titled:<br/>Biological Basis of sexual Identity Disorders. King Saud Bin<br/>Abdulaziz University for Health Sciences, Jeddah, KSA.

- **Dec. 2011** Transitional Justice in Libya, Speaker, presentation titled: What Should be Offered to Survivors? ,Tripoli, Libya.
- April 2011Counseling Arabia 2011. Keynote speaker: "Biological Basis of<br/>Masculine & Feminine Behavior". Sharjah, UAE.
- March 2010 1<sup>st</sup> International Conference for Psychological Sciences & Applications. Presented a poster on "The Effect of Two Kinds of Plants on the Memory of *I*- Monosodium Glutamate Treated Rats". UAEU, Al Ain, UAE.
- May 2009: 4th forum for Educational Research. Presented a paper on "Role of Critical Thinking in Scientific Research". Abu Dhabi Educational Council, Western District, UAE.
- **Dec. 2008:** Innovations' 08, UAEU, IT College. Presented a paper on "Delayed Cell Degeneration as a Result of Sodium Nitrite Hypoxia". UAEU, Al Ain, UAE.
- **Oct. 2006:** SfN 36<sup>th</sup> Annual Meeting. Poster: Determination of Fluoride: Dementia relationship by using cultured mammalian brains Atlanta, USA.
- March 2004: Counseling Arabia Presentation on "Biological Life Events and Emotional Problems". Al Ain, UAE.