Phone +966 500944447
E-mail rmohtasib@alfaisal.edu
rafatmohtasib@gmail.com

Rafat Mohtasib PhD; RDMS; RVT.

Positions

- August 2015 – Now: **Co-Director of the Master of Radiological & Imaging Science program** at Alfaisal University, Riyadh, Saudi Arabia.
- June 2014 – August 2015: **Acting Head Molecular and functional Imaging** at King Faisal Specialist Hospital, Riyadh, Saudi Arabia.
- Several times when the director is away: **Acting Director of the Centre for Autism Research** at King Faisal Specialist Hospital, Riyadh, Saudi Arabia.
- February 2012- June 2014: **Post-Doctoral Fellow, Molecular and Functional Imaging** at King Faisal Specialist Hospital, Riyadh, Saudi Arabia.
- April 2014- Now: **Consultant and Assistant Professor at the College of Applied Health Sciences (Radiology & Medical Imaging)** at the University of Prince Sattam Bin Abdulaziz, Alkharj, Saudi Arabia.
- June 2013- Now: **Adjunct Assistant Professor at the Radiological & Imaging Sciences,** Master Program at Alfaisal University, Riyadh, Saudi Arabia.
- March 2012- Now: **Adjunct Assistant Professor & Consultant** at the Program Committee Radiology College of Health Sciences and Rehabilitation Sciences at the University of Princess Noura Bint Abdulrahman, Riyadh, Saudi Arabia. (I have established a bachelor degree program in Ultrasound).
- August 2000-2008: **Senior Ultrasound Technologist/ Vascular Lab leader & Education coordinator** at King Faisal Specialist Hospital, Riyadh, Saudi Arabia.
- January 2003- August 2006: **Part-time Application Specialist with El Saif General Electric Co.** Riyadh, Saudi Arabia.
- October 1991- September 1995: **International Purchasing Representative** at Saudi Armco Shell Refinery Company, Jubail, Saudi Arabia.

Education

- 2008- 2012: University of Liverpool, United Kingdom
  MPhil/PHD; Degree of Doctor in Philosophy (Medical Imaging).

- 1996–2000: George Washington University, USA.
  Bachelor of Science in Diagnostic Medical Sonography. Graduated *Summa Cum Laude*.
  Distinguished Undergraduate Health Science School Honor Award.

Accreditation and Licenses

- Consultant (Non-Physician) Medical Imaging, Saudi Commission for Health Specialties.
- (RDMS) The American Registry of Diagnostic Medical Sonography since 2000.
- (RVT) Registered Vascular Technologist since 2000.

References

- Dr. Belal Moftah BMoftah@kfshrc.edu.sa
- Prof. Moussa Gary Sayed garysayed@yahoo.com
- Dr. Hamad Alsuhaibani halsuhaibani@kfshrc.edu.sa

Professional Memberships and Honors

- Organization for Human Brain Mapping (OHBM).
- The International Society for Magnetic Resonance in Medicine (ISMRM).
- The Society of Diagnostic Medical Sonographers (ARDMS).
- The American Institute of Ultrasound in Medicine (AIUM).
- The Golden Key National Honor Society.

Researches & Publications

Funded Projects (Principle investigator):

1. Advanced magnetic resonance imaging (MRI) for patients with mild cognitive impairment (MCI) and patients with Alzheimer's disease (AD). (Reviewed by the American Association for the advancement of

Science (AAAS) was highly recommended for funding from KACST). Fund amount SAR 1,972,500.

2. Anatomical & functional substrates in ASD. (In collaboration with the University of Leuven, Healthcare Belgium and the Center for Autism Research at KFSH&RC) (Funded BY SABIC). Fund amount SAR 2,000,000.

3. Functional MRI of infants & toddlers with autism (Funded BY KACST). Fund amount SAR 1,974,000.

4. Analysis of Neuroanatomic and Neurofunctional Substrates in Autism Spectrum Disorder (Funded BY KACST). Fund Amount 1,715,210.

Other Projects (Principle investigator):

1. Assessment & Development of Functional Imaging Protocols In Epilepsy (Principle Investigator).

2. Establishing fMRI protocol for clinical use: Comparisons of Different Language Paradigms in Arabic Speakers (Principle Investigator).

3. Normal Sonographic Dimensions of Spleen and kidney for Children in KFSH&RC (Principle Investigator).

4. Training parent to conduct Discrete Trial Teaching strategy for their children with Autism Spectrum Disorder (ASD) At Center For Autism Research (CFAR), Riyadh, Saudi Arabia (Principle Investigator).

5. The Reliability of shear-wave elastography in distinguishing between breast lesions (Principle Investigator).

6. Advanced Magnetic Resonance Imaging (MRI): Multi Parametric Imaging for Multiple Sclerosis (MS) at 3 Tesla.

Publication:

Mohtasib, R.S., Lumley, G., Goodwin, J.A., Emsley, H.C., Sluming, V. & Parkes, L.M. 2012. Calibrated fMRI during a cognitive Stroop task reveals reduced metabolic response with increasing age. *Neuroimage.*16;59(2):1143-51. http://www.ncbi.nlm.nih.gov/pubmed/2184364