

CURRICULUM VITAE

Zaid Bin Mahbub

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Objective Serve the creation

- Employment**
- **Assistant Professor Physics**
Department of Arts and Sciences
Ahsanullah University of Science and Technology
Dhaka, Bangladesh
From:2009
 - **Lecturer Physics**
Department of Arts and Sciences
Ahsanullah University of Science and Technology
Dhaka, Bangladesh
From:2006 to 2009

- Education**
- **PhD in Physics**
University of Nottingham
United Kingdom
Pass Year 2014
 - **MS in Physics (1st Class)**
Department of Physics, University of Dhaka
Pass Year 2006
 - **B.Sc. (4 year Honors) in Physics (1st Class)**
Department of Physics, University of Dhaka
Pass Year 2004

- Skill**
- **3.0Tesla Philips MRI** scanner competent person at SPMARC
 - **MATLAB, C++ high level language**
 - **MATLAB, ImageJ, Mricro** for image processing
 - **Philips Pulse Programming Environment (PPE)** for 1.5T, 3T MRI scanner

Publications

(i) Quantitative MRI and EMG study of the Brachial Plexus, PhD thesis, University of Nottingham, July 2014.

(i) Analysis of evoked EMG using wavelet transformation, Zaid B Mahbub, Jamil H Karami, K S Rabbani, Bangladesh Journal of Medical Physics(2012), 5:1,41-51.

(ii) Analysis of evoked EMG responses for automated test of Cervical Spondylosis, Zaid B Mahbub, Jamil H Karami, K S Rabbani, AUST Journal of Science and Technology (2009), 1:1,70-83.

(iii) Frequency domain analysis to identify neurological disorders from evoked EMG responses, Zaid B Mahbub, K S Rabbani, Journal of Biological Physics (2007) 33:99–108, Springer, Netherlands.

Conference

(i) Optimizing diffusion weighted imaging of the brachial plexus, Zaid Mahbub, P Glover, A Peters, P Gowland, British Chapter ISMRM, 17th Annual Scientific Meeting, University of Manchester, 7-9 September 2011.

(ii) The ADC, T2 and Diffusion Time Dependent Apparent Diffusion Coefficient of the Brachial Plexus, Zaid Mahbub, P Glover, A Peters, P Gowland, British Chapter ISMRM, 21st Postgraduate symposium, University of Bristol, 20th March 2012.

(iii) IVIM, T2 and Diffusion features of Brachial Plexus, Zaid Mahbub, P Glover, A Peters, P Gowland, British Chapter ISMRM, 18th Annual Scientific Meeting, University of Cambridge, 11-13 September 2012.

(iv) IVIM, T2 and Time Dependent Diffusivity study of Nerve and Spinal cord, Zaid Mahbub, P Glover, A Peters, P Gowland, ESMRMB, 29th Annual Scientific Meeting, Lisbon, Portugal, 4-6 October 2012.

(v) Measurement of Magnetization transfer in the Brachial Plexus: comparison with T2 and Diffusion Effects, Zaid Mahbub, P Glover, A Peters, O Mougín, P Gowland, British Chapter ISMRM, 22nd Postgraduate symposium, University College London, London, 20th March 2013.

(vi) Measurement of Magnetization transfer in the Brachial Plexus: comparison with T2 and Diffusion Effects, Zaid Mahbub, P Glover, A Peters, O Mougín, P Gowland, ISMRM annual scientific meeting, 19-26 April, Salt lake city, Utah, USA.

(vii) Is there any detectable NOE in the Brachial Plexus? Zaid Mahbub, P Glover, A Peters, O Mougín, P Gowland, British Chapter ISMRM, 19th Annual Scientific Meeting, University of York, 24-25 September 2013.

- Academic Awards**
- Student stipend for Annual scientific meeting ISMRM, Salt Lake City, Utah, USA, 20-26 April 2013
 - IDB Merit Scholarship for Higher Technology, for PhD at University of Nottingham
 - Student stipend for British Chapter ISMRM, University of Manchester, 7-9 September 2011
 - Dhaka University Scholarship for excellence in B.Sc.(Honors) Physics examination at the Dhaka University

- Membership**
- Student Member of International Society of Magnetic Resonance in Medicine (ISMRM)
 - Associate Member of European Society of Magnetic Resonance in Medicine & Biology (ESMRMB)
 - Student Member of Institute of Electrical and Electronic Engineers (IEEE)
 - Associate Member of Institute of Physics (IOP)
 - Associate Member of Institute of Physics & Engineering in Medicine (IPEM)
 - Life Member of 'Bangladesh Physical Society (BPS)
 - Member of 'Bangladesh Medical Physics Association (BMPA)

- Personal Attributes**
- **Date of birth** 25th December 1977
 - **Nationality** Bangladeshi
 - **Marital status** Married

Contact

Work:

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References

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