

CURRICULUM VITAE



A. BUTIR-BUTIR PERIBADI (*Personal Details*)

Nama Penuh (<i>Full Name</i>)	NUR FARHAYU BINTI OMAR		Gelaran (<i>Title</i>): DR
Warganegara (<i>Citizenship</i>)	Malaysian	Bangsa(<i>Race</i>) MELAYU	Jantina (<i>Gender</i>) FEMALE
Jawatan (<i>Designation</i>)	SENIOR LECTURER		

Jabatan/Fakulti (<i>Department/Faculty</i>)	E-mel dan URL (<i>E-mail Address and URL</i>)
JABATAN PENGMEJAN FAKULTI PERUBATAN & SAINS KESIHATAN UNIVERSITI PUTRA MALAYSIA Tel: 03-86092982 Fax:	E-mail: farhayu@upm.edu.my

B. KELAYAKAN AKADEMIK (*Academic Qualification*)

Nama Sijil / Kelayakan (<i>Certificate / Qualification obtained</i>)	Nama Sekolah Institusi (<i>Name of School / Institution</i>)	Tahun (<i>Year obtained</i>)	Bidang pengkhususan (<i>Area of Specialization</i>)
PhD	University of Nottingham, UK	2016	Magnetic Resonance Imaging
Master of Science	Universiti Sains Malaysia, Penang	2009	Medical Physics
Bachelor of Applied Science	Universiti Sains Malaysia, Penang	2008	Medical Physics

C. PENGALAMAN SAINTIFIK DAN PENGKHUSUSAN

(Scientific experience and Specialisation)

<i>Organization</i>	<i>Position</i>	<i>Start Date</i>	<i>End Date</i>	<i>Expertise</i>
International Society for Magnetic Resonance in Medicine (ISMRM)	Member	2013	2016	Magnetic Resonance Imaging

D. PEKERJAAN (Employment)				
Majikan / Employer	Jawatan / Designation	Jabatan / Department	Tarikh lantikan / Start Date	Tarikh tamat / Date Ended
USM	Senior Lecturer	School of Physics	9 Jan 2017	31 Aug 2017

E. ANUGERAH DAN HADIAH (Honours and Awards)				
Name of awards	Title	Award Authority	Award Type	Year
<i>Academic Awards</i>	Dean's List, semester II 2007/2008	School of Physics, Universiti Sains Malaysia	University	June 2008
	The ISMRM Summa Cum Laude Merit	ISMRM 21th Annual Meeting and Exhibition, Salt Lake City, Utah, USA	International	April 2013
<i>Non-Academic Awards</i>	Student Stipend	International Society for Magnetic	International	April 2013

F. SENARAI PENERBITAN (Sila masukan nama pengarang, tajuk, nama jurnal, jilid, muka surat dan tahun diterbitkan) (List of publications – author (s), title, journal, volume, page and year published)	
<i>Journal</i>	Breidhardt T, Cox EF, Squire I, Odudu A, Omar NF, Eldehni MT, Francis ST and McIntyre CW. The pathophysiology of the chronic cardiorenal syndrome: a magnetic resonance imaging study. European Radiology. 25(6), 1684-91.
<i>Books/Monographs</i>	
<i>Chapter in book</i>	
<i>Proceedings</i>	Nur Farhayu Omar, Eleanor F. Cox, Tobias Breidhardt, Iain B. Squire, Aghogho Odudu, Mohamed Tarek Eldehni, Chris McIntyre, and Susan T. Francis: Renal Diffusion and Perfusion in Cardiorenal Syndrome. ISMRM-ESMRMB 2013, Utah, United State, 20-26th April 2013. In: Proc. Intl. Soc. Mag. Reson. Med. 21 (2013): pp.0022. Eleanor F. Cox, Antonella Ghezzi, Andrea Bennet, Mina Patel, Andrew Jackson, David Harman, Carolyn Costigan, Nur Farhayu

	<p>Omar, Martin W. James, Stephen D. Ryder, Penelope A. Gowland, Guru P. Aithal, I. Neil Guha, and Susan T. Francis, A Novel MRI Protocol to Examine Haemodynamic Compartments in Compensated Liver Cirrhosis. ISMRM-ESMRMB 2013, Utah, United State, 20-26th April 2013. In: Proc. Intl. Soc. Mag. Reson. Med. 21 (2013): pp.0276.</p> <p>Nur Farhayu Omar, Eleanor F. Cox, Tobias Breidhardt, Iain Squire, Chris W. McIntyre, Sue T. Francis. Use of DWI and DTI to study Cardiorenal Syndrome. British Chapter of the Intl. Soc. Mag. Reson. Med. 20 (2014), Edinburgh, Scotland, 4-5th September 2014.</p>
<i>Other publications</i>	
<i>Computer software</i>	

G. PROJEK PENYELIDIKAN TERDAHULU (Past Research Project)					
<i>Project No.</i>	<i>Project Title</i>	<i>Role</i>	<i>Year</i>	<i>Source of</i>	<i>Status</i>
GP-IPS/2018/9613700	The study on neural and structural changes of the brain of smartphone addiction subjects on working memory using functional magnetic resonance imaging (fMRI) and diffusion spectrum imaging (DSI)	Principal Investigator	2018	GERANT PUTRA /UPM RM60,000	On-going
GP-IPS/2018/9613600	Morphology articularilage of the knee using magnetic resonance imaging 3 T in normal young adult	Co-researcher	2018	GERANT PUTRA /UPM RM 25,000	On-going

F. TRAINING (*Latihan*)

Attended ACOMP Workshop on Radiation Dosimetry, Solid State and OSL Dosimetry: Physics and Application at University of Malaya Medical Centre on 6th December 2017.

Attended the 20th Annual Scientific Meeting of British Chapter of the International Society for Magnetic Resonance in Medicine (ISMRM) in Edinburgh, Scotland on 4th and 5th of September 2014.

Attended the 21st Annual Meeting and Exhibition of the international Society for Magnetic Resonance in Medicine (ISMRM) in Salt LakeCity, Utah, USA.on 20-26th of April 2013

Attended the Public Understanding of Science, Communication Skills for Researchers Course for two days in 2012 at the University of Nottingham, UK and presented my own activity which is related to MRI to A-level students at one of high schools in Nottingham.

Underwent industrial training for seven weeks in May-June 2007 at the Department of Radiology, Penang General Hospital, Malaysia.