

CURRICULUM VITAE



A. BUTIR-BUTIR PERIBADI (<i>Personal Details</i>)		
Nama Penuh (<i>Full Name</i>)	Noramaliza Mohd Noor	Gelaran (<i>Title</i>): Dr
Warganegara (<i>Citizenship</i>) Malaysia	Bangsa (<i>Race</i>) Melayu	Jantina (<i>Gender</i>) Perempuan
Jawatan (<i>Designation</i>)	Senior Lecturer	

Jabatan/Fakulti (<i>Department/Faculty</i>)	E-mel dan URL (<i>E-mail Address and URL</i>)
Department of Imaging, Faculty of Medicine and Health Sciences, University Putra Malaysia, 43400 Serdang, Selangor, Malaysia. Tel:03-89472519 Fax:03-8942657	E-mail: noramaliza@yahoo.com noramaliza@upm.edu.my

B. KELAYAKAN AKADEMIK (<i>Academic Qualification</i>)			
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>)
Doctor of Philosophy	University Of Surrey, U.K	2008 - 2012	(Medical Physics)
Msc. (Hons) Applied Science	Universiti Sains Malaysia (USM)	2005 - 2006	(Medical Physics)
Bsc. (Hons) Applied Science	Universiti Sains Malaysia (USM)	2002- 2005	(Medical Physics)

C. PENGALAMAN SAINTIFIK DAN PENGGHUSUSAN (<i>Scientific experience and Specialisation</i>)				
<i>Organization</i>	<i>Position</i>	<i>Start Date</i>	<i>End Date</i>	<i>Expertise</i>
International Radiation Physics Society	Member	2009	present	Medical Physics
Malaysian Association of Medical Physics	Member	2006	present	Medical Physics
D. PEKERJAAN (<i>Employment</i>)				
<i>Majikan / Employer</i>	<i>Jawatan / Designation</i>	<i>Jabatan / Department</i>	<i>Tarikh lantikan / Start Date</i>	<i>Tarikh tamat / Date Ended</i>
Universiti Teknologi Mara Pulau Pinang, Malaysia.	Lecturer	Department of Physics,	July 2007	March 2008
Universiti Sains Malaysia	Fellow	Department of Medical Radiation	April 2008	April 2012
E. ANUGERAH DAN HADIAH (<i>Honours and Awards</i>)				
<i>Name of awards</i>	<i>Title</i>	<i>Award Authority</i>	<i>Award Type</i>	<i>Year</i>
<i>Academic Award</i>	(i) Dean's List	Faculty of Physics, Universiti Sains Malaysia.	Dean's List	2004/2005
	(ii) John Hubbell Prize	International Radiation Physics Society.	Best Poster Presenter	20 th -25 th August 2009. Melbourne, Australia.
	(iii) Poster	International Conference on Radiation Safety in Healthcare (ICRSH 2012)	Best Poster Presenter	3th-5th November 2012 Kuala Lumpur, Malaysia 2012
	(iii) Poster	9 th National Seminar on Medical Physics (NSMP)	Best Poster Presenter	5 th April 2014, Putrajaya

<i>Non-Academic Awards</i>	Academic Excellence Awards	UPM		2014
<i>Awards of Merit</i>	10 th Best Researcher	Faculty of Medicine and Health Sciences		2014

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>	<p>S.E. Lam, A. Alawiah, D.A.Bradley, N. Mohd Noor, 2016. Effects of time-temperature profiles on glow curves of germanium-doped optical fibre. Radiation Physics and Chemistry. <i>In Press</i>. doi:10.1016/j.radphyschem.2016.02.023</p> <p>N. Mohd Noor, M.S. Ahmad Fadzil, N.M. Ung, M.J. Maah, G.A. Mahdiraji, H.A. Abdul-Rashid and D.A. Bradley, 2016. Radiotherapy Dosimetry and the Thermoluminescence Characteristics of Ge-Doped Fibres of Differing Germanium Dopant Concentration and Outer Diameter. Radiation Physics and Chemistry. <i>In Press</i>. doi.org/10.1016/j.radphyschem.2016.05.001</p> <p>N. Mohd Noor, M. A. Jusoh, A. F. Abdull Razis, A. Alawiah, D. A. Bradley, 2015. Flat Ge-doped optical fibres for food irradiation dosimetry. AIP Conference Proceedings 1657, 100007.</p> <p>N.N.H. Ramli , H.Salleh , G.A.Mahdiraji, M.I.Zulkifli, S.Hashim, D.A.Bradley, N. M.Noor, 2015. Characterization of amorphous thermoluminescence dosimeters for patient dose measurement in X-ray diagnostic procedures. Radiation Physics and Chemistry 116, 130-134.</p> <p>A.Alawiah, S.Bauk, M.W.Marashdeh, K.S.Ng, H.A.Abdul-Rashid, Z.Yusoff, W.Gieszczyk, M.N.Noramaliza, G.A.Mahdiraji, N.Tamchek, S.Z.Muhd-Yassin, K.A.Mat-Sharif, M.I.Zulkifli, M.J.Maah, S.S.CheOmar, D.A.Bradley, 2015. Thermoluminescence glow curves and deconvoluted glow peaks of Ge doped flat fibers at ultra-high doses of electron radiation. Radiation Physics and Chemistry 113, 53-58.</p> <p>A.Alawiah, M.S.Alina, S.Bauk, H.A.Abdul-Rashid, W.Gieszczyk, M.N.Noramaliza, G.A.Mahdiraji, N.Tamchek, M.I.Zulkifli, D.A.Bradley, M.W.Marashdeh, 2015. The thermoluminescence characteristics and the glow curves of Thu- lium doped silica fiber exposed to 10 MV photon and 21MeV electron radiation. Applied Radiation and Isotopes 98, 80–86.</p> <p>A.Alawiah, S.Bauk, M.W.Marashdeh, M.Z.N.Nazura, H.A.Abdul-Rashid, Z.Yusoff, W.Gieszczyk, M.N.Noramaliza, F.R.Mahamd Adikan, G.A.Mahdiraji, N.Tamchek, S.Z. Muhd-Yassin, K.A.Mat-Sharif, M.I.Zulkifli, N.Omar, W.S.WanAbdullah, D.A.Bradley, 2015. The thermoluminescence glow curve and the deconvoluted glow peak</p>
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characteristics of erbium doped silica fiber exposed to 70–130kVp x-rays. *Applied Radiation and Isotopes* 104, 197-202.

Mohd Zulfadli Adenan, Mansor Ahmad, Noramaliza Mohd Noor, Elias Saion, 2015. A Study Of N-Isopropyl Acrylamide (Nipam)-Based Polymer Gel Dosimeter By Using Raman Spectroscopy. *Advanced Materials Research* 1107, 103-107. Mohd Noor, N., Hussein, M., T.Kadni, Bradley, D.A., Nisbet, A., 2014. Characterization of Ge-doped optical fibres for MV radiotherapy dosimetry. *Radiation Physics and Chemistry* 98, 33–41.

M S Ahmad Fadzil, N N H Ramli, M A Jusoh, T Kadni, D A Bradley, N M Ung, H Suhairul and N Mohd Noor., 2014. Dosimetric characteristics of fabricated silica fibre for postal radiotherapy dose audits. *Journal of Physics: Conference Series*, 546.

M Z Adenan, M Ahmad, N Mohd Noor, N Deyhimihaghighi, E Saion, 2014. Raman study of lower toxicity polymer gel for radiotherapy dosimetry. *Journal of Physics: Conference Series*, 546.

N, Deyhimihaghighi, N Mohd Noor , N Soltani, R Jorfi, M Erfani Haghir, M Z Adenan, E Saion, M U Khandaker, 2014. Contrast enhancement of magnetic resonance imaging (MRI) of polymer gel dosimeter by adding Platinum nano- particles. *Journal of Physics: Conference Series*, 546.

Bradley DA, Abdul Sani SF, Alalawi AI, Jafari SM, Nisbet A, Noor NM, Hairul Azhar AR, Mahdiraji GA, Tamchek N, Ghosh S, Paul MC, Alzimami KS, Maah MJ, 2014. Development of tailor-made silica fibres for TL dosimetry. *Radiation Physics and Chemistry* 104, 3-9.

S. Hashim, S.A. Ibrahim, S.S. Che Omar, Y.S.M. Alajerami, M.I. Saripan, N.M. Noor, N.M. Ung, G.A. Mahdiraji, D.A. Bradley, K. Alzimami, 2014. Photon irradiation response of photonic crystal fibres and flat fibres at radiation therapy doses. *Applied Radiation and Isotopes* 90, 258–260.

Ahmad Faizal Abdull Razis, Noramaliza Mohd Noor, Nattaya Konsue, 2014. Induction of epoxide hydrolase, glucuronosyl transferase and sulfotransferase by phenethyl isothiocyanate in male Wistar albino rats. *BioMed Research International*, 1-5.

H. Hishar, A. S. Fathinul Fikri, M. Salasiah, M. N. Noramaliza, N. Abdul Jalil, 2013. Investigation on the influence of dose minimisation management on the PET image quality. *Radiology* 1, 1-5.

Ahmad Faizal Abdull Razis and Noramaliza Mohd Noor, 2013. Sulforaphane is superior to glucoraphanin in modulating carcinogen-metabolising enzymes in HepG2 cells. *Asia Pacific J of Cancer Prev.* 14(7): 4235-4238.

	<p>Ahmad Faizal Abdull Razis and Noramaliza Mohd Noor, 2013. Cruciferous vegetables: Dietary phytochemicals for cancer prevention. <i>Asia Pacific J of Cancer Prev.</i> 14(3): 1765-1770.</p> <p>Mohd Noor, N., A.Shukor, N., Hussein, M, Nisbet, A., D.A.Bradley. Comparison of the TL Fading Characteristics of Ge-Doped Optical Fibres and LiF Dosimeters., 2012. <i>Applied Radiation and Isotopes</i> 70, 1384–1387.</p> <p>D.A.Bradley, R.P.Hugtenburg, A.Nisbet, Ahmad Taufek Abdul Rahman, Fatma Issa, Noramaliza Mohd Noor, Amani Alalawi, 2012. Review of Doped Silica Glass Optical Fibre: Their TL Properties and Potential Application in Radiation Therapy Dosimetry. <i>Applied Radiation and Isotopes</i> 71, 2-11.</p> <p>Mohd Noor, N., Hussein, M., Bradley, D.A., Nisbet, A., 2011. Investigation of The use of Ge-doped Optical Fibre for in <i>Vitro</i> IMRT Prostate Dosimetry. <i>Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> 652, 819–823.</p> <p>Mohd Noor, N., Bradley, D.A., Nisbet, A., 2011. An Investigation of the suitability of Ge-Doped Optical Fibres in Mailed Thermoluminescence Dosimetry Audits of Radiotherapy Dose Delivery. <i>Radiotherapy and Oncology</i> 99(1): S196-S197.</p> <p>Mohd Noor, N., Hussein, M., Bradley, D.A., Nisbet, A., 2010. The Potential of Ge-doped Optical Fibre TL Dosimetry for 3D verification of High Energy IMRT Photon Beams. <i>Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> 619, 157-162.</p>
<p><i>Proceedings</i></p>	<p>Begum M, Rahman AKMM, Abdul-Rashid HA, Abdullah WSW, Noor NM, Zulkifli MI, Muhamad-Yasin SZ, Mat-Sharif KA, Tamchek N, Nawi SNM, Wahib N, Amin YM, Bradley DA, Abdullah F. (2013) 'Thermoluminescence Response of Ge-doped Optical Fiber Dosimeters with Different Core Sizes'. <i>IEEE 2013 IEEE 4TH INTERNATIONAL CONFERENCE ON PHOTONICS (ICP), MALAYSIA: IEEE 4th International Conference on Photonics (ICP)</i>, pp. 290-292.</p> <p>S. A. Ibrahim, N.A.M. Sharif, S.N. Buang, S.S. Che Omar, S. Hashim, M.I. Saripan, N.M. Noor, N.M. Ung, G.A. Mahdiraji, 2012. The Thermoluminescence response of Multi Photonic Crystal Fibres (MPCF) subjected to 6 MV photon irradiations. <i>Proceeding of National Seminar on Medical Physics conference 2012, Sunway Hotel-Seberang Jaya, Penang, 19th Dec 2012.</i></p> <p>Salasiah M, AJ Nordin, Fathinul Fikri A.S, Hishar H, N.Tamchek, Taiman K, Ahmad Bazlie A.K, H. A. Abdul-Rashid, G.A. Mahdiraji,</p>

	<p>Mizanur R, Noramaliza M.Noor, 2013. Radiation dose to radiosensitive organs in PET/CT myocardial perfusion examination using versatile optical fibre. <i>SPIE proceeding, Micro structured and speciality Optical Fiber II, 87750U.</i></p> <p>Alawiah, A. Intan Mursyaidaha, S. Baukb, H. A. Abdul-Rashid, Z. Yusoff, M. R.Mokhtar, W. S. Wan Abdullah, K. A. Mat Sharif, G. A. Mahdirajif, F. R. Mahamd Adikan, N. Tamchek, D. A. Bradley, N. M. Noor, 2013. Thermoluminescence characteristics of flat optical fiber in radiation dosimetry under different electron irradiation conditions. <i>SPIE proceeding, Micro structured and speciality Optical Fiber II, 87750S.</i></p> <p>H. Hishar, A. S. Fathinul Fikri, M. Salasiah, M. N. Noramaliza, N. Abdul Jalil, 2013. Impact of total activity variation in 18F-FDG injected with the overall PET image quality in oncology patients. <i>AIP Conf. Proc. 1528, 412.</i></p>
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G. PROJEK PENYELIDIKAN TERDAHULU (Past Research Project)

<i>Project No.</i>	<i>Project Title</i>	<i>Role</i>	<i>Year</i>	<i>Source of fund</i>	<i>Status</i>
5524789	Doped Fibres: Establishing the characteristics as a thermoluminescence dosimeter for measuring absorbed dose in small field dosimetry	Project Leader	2015	RM 119, 800 FRGS/MOE	On-going
14001	Food irradiation dosimetry	Project Leader	2015	RM 5,000 SISWAZAH GRANT	On-going
9433969	Dosimetric Characteristics of Fabricated Ge-Doped Cylindrical Optical Fibres Irradiated with X-Ray Energy Used in General Radiography	Project Leader	2014	RM 6,000 GRANT PUTRA/UPM	On-going
9433970	Dosimetric Characteristics of Fabricated Germanium Doped Silica Fibre for Postal Radiotherapy Dose Audits	Project Leader	2014	RM 14,000 GRANT PUTRA/UPM	On-going
5524398	Establishing the dosimetric characteristics of	Project leader	2013	RM124,000	On-going

	mailed fabricated ge-doped fiber for use in measuring beam output under non-reference conditions			FRGS/MOE	
9404200	Characterization of flat fiber for patient dose measurements	Project Leader	2013	RM 50,000 GRANT PUTRA/UPM	Completed
03-02-01-SF0237	Fabricated Germanium-Doped Optical Fibre as Thermoluminescence Dosimeter for the Measurement of Absorbed Dose in Stereotactic Radiosurgery (SRS) Verification Plans	Member	2015	RM 183, 450 MOSTI	On-going
	Variation in Methodology of Whole Body 18F-FDG PET/CT Scans for Oncologic Imaging Centres in Malaysia	Member	2015	RM 20,000 GRANT PUTRA/UPM	On-going
	Standardisation Operating Procedure For ¹⁸ f-Fdg Pet: Comparable Studies In Pair- Centre Trials	Member	2015	RM 20,000 GRANT PUTRA/UPM	On-going
9433968	Dosimetric Characteristics of the Fabricated GE-Doped Fibres for CyberKnife Based SRS	Member	2014	RM 12,500 GRANT PUTRA/UPM	On-going
9438300	Useful of Dual Energy Dual Source Computed Tomography of the Central Vein Stenosis	Member	2014	RM50,000 GRANT PUTRA/UPM	On-going
UM.C/HIR/MOHE/SC/33	Design, Fabrication, and Characterization	Member	2012	RM 4,346000	On-going

	of Doped Silica Optical Fiber as Thermoluminescence Radiation Dosimeters			UM/HIR/MOE	
FRGS/1/2012/SG02/MMU/02/2	Thermoluminescence characteristics of irradiated depod silica optical fibres	Member	2012	RM 115000 FRGS/MOE	On-going
9400600	Modulation of carcinogen-metabolising enzymes by glucosinolate gluconasturtiin for anti-cancer	Member	2013	RM 41,000 GRANT PUTRA/UPM	On-going

H. LATIHAN (*Training*)

Attended ICTP-UI-BATAN regional workshop on image processing, Badan Tenaga Nuklir Nasional Indonesia

Attended New Technologies in Modern Radiotherapy, International Organization for Medical Physics, Indonesia

Attended Physics for Clinical Radiotherapy, European society for therapeutic radiology and Oncology, Bangkok Thailand

Attended NPL / University of Surrey Strategic Launch and Workshop for Applied Radiation: Gel Dosimetry at University of Surrey, 3rd September 2008.

Attended The Radiotherapy Standards Users' Meeting at the National Physical Laboratory Teddington ,UK, 1st December 2008.

Attended BIR's Scientific Meeting on Radiotherapy Dosimetry: Current Status and Future Developments at National Physics Laboratory, Teddington ,UK, 26th February 2009.

Attended 11th International Symposium on Radiation Physics at Melbourne, Australia, 20th - 25th August 2009.

Attended 12th Symposium on Radiation Measurements and Applications at Michigan United State, 24th –28th May 2010.

Attended Surrey Postgraduate Research Conference 2010, University of Surrey at Guildford, United Kingdom, 23th-24th September 2010.

Attended 30th ESTRO meeting at London, United Kingdom, 8th-12th May 2011.

Attended ESTRO Pre-meeting course on: Advanced Photon Beam Dose Delivery Systems and Techniques at London, United Kingdom, 8th May 2011.

Attended Annual Scientific Meeting of the IPEM South East Group at Postgraduate Medical Centre, Guildford, UK, 9th June 2011.

Attended 8th International Topical Meeting on Industrial Radiation and Radioisotope Measurement Applications (IRRMA-8) at Kansas City, Missouri, USA, 26th June–1st July 2011.

Attended International Conference on Radiation Safety in Healthcare 2012, Holiday Inn, Kuala Lumpur Glenmarie, Malaysia, 03th-05th November 2012.

Attended Radiation Protection Induction Course at University of Surrey, United Kingdom, 2nd May 2008.

Attended Laser Safety Induction Course at University of Surrey, United Kingdom, 5th November 2008.

Attended Radiation Protection Refresher Course at University of Surrey, United Kingdom, 23th April 2008.

Attended Research Methodology Course at University Sciences Malaysia, Malaysia, 18th-29th June 2007