CURRICULUM VITAE

A. BUTIR-BUTIR PERIBADI *(Personal Details)*			
Nama Penuh *(Full Name)*	ZAIDON BIN ASHAARI		Gelaran *(Title):* DR.
No. MyKad / No. Pasport *(Mykad No. / Passport No.)*	Warganegara *(Citizenship)* MALAYSIA	Bangsa *(Race)* MELAYU	Jantina *(Gender)* LELAKI
Jawatan *(Designation)* PROFESOR		Tarikh Lahir *(Date of Birth)*	

Alamat Semasa *(Current Address)*	Jabatan/Fakulti *(Department/Faculty)*	E-mel dan URL *(E-mail Address and URL)*
Tel:	JABATAN PENGELUARAN HUTAN FAKULTI PERHUTANAN UNIVERSITI PUTRA MALAYSIA Tel: 03-89467174/7161 Fax:03-89432514	E-mail: zaidon@ upm.edu.my URL: H/P: 013-3764470

B. KELAYAKAN AKADEMIK *(Academic Qualification)*			
Ph.D	Aberdeen University, UK	1995	Wood Science
MS	Mississippi State University, USA	1989	Wood Science & Technology
BS	Mississippi State University, USA	1986	Wood Science & Technology

E. PEKERJAAN *(Employment)*				
Majikan / *Employer*	Jawatan / *Designation*	Jabatan / *Department*	Tarikh lantikan / *Start Date*	Tarikh tamat / *Date Ended*
UPM	Assoc. Prof	Fakulti Perhutanan	1 Dec. 2001	Aug. 2012
UPM	Lecturer	Fakulti Perhutanan	29 Sept. 1995	30 Nov. 2001
UPM	Tutor	Fakulti Perhutanan	26 Dec. 1989	28 Sept. 1995
Unit Tenaga Nuklear	Experimental Officer		March 1983	25 Dec. 1989

G. 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)*	

Zaidon Ashaari, Seng Hua Lee Mohd Hafifuddin Abdul Aziz, Muhamad Norfazimie Nordin 2016. A ddition of ammonium hydroxide as formaldehyde scavenger for sesenduk (*Endospermum diadenum*) wood compregnated using phenolic resins. Eur. J. Wood Prod. 277–280.	2016
Zaidon Ashaari, Seng Hua Lee, Muhamad Rapie Zahali 2016. Performance of compreg laminated bamboo/wood hybrid using phenolic-resin-treated strips as core layer Eur. J. Wood Prod:621-624.	2016
I Umar, **A Zaidon**, Sh Lee & R Halis 2016. Oil-Heat Treatment Of Rubberwood For Optimum Changes In Chemical Constituents And Decay Resistance. J. Trop. For. Sci: 28(1): 88–96	2016
F.L. Nabil, **A. Zaidon**, U.M.K. Anwar, E.S. Bakar, S.H. Lee & M.T. Paridah 2016. Impregnation Of Sesenduk (Endospermum Diadenum) Wood With Phenol Formaldehyde And Nanoclay Admixture: Effect On Fungal Decay And Termites Attack. Sains Malaysiana 45(2)(2016): 255–262	2016
ZAIDON ASHAARI, SENG HUA LEE, MAIZATUL NURAIN MUSTAMEL & NOR FARAHIDA MOHD SALLEH 2016. Strenght improvement of jelutong (*Dyera costulata)* wood via phenolic resin treatments. Journal of the Indian Academy of Wood Science,12(20)	2016
Nur Nabilah Abd. Khalid, **Zaidon Ashaari**, Ahmad Husni Mohd Haniff, Azmy Mohamed and Lee Seng HuaTreatability of oil palm frond and rubber wood chips with urea for the development of slow release fertiliser. Journal Oil Palm Research 27(3): 220-228	2015
Lee Seng Hua, **Zaidon Ashaari**, Lum Wei Chen, H'ng Paik San, Tan Li Peng, Chow May Jinn, Chai, EE Wen and Chin Kit Ling. Properties of particleboard with oil palm trunk as core layer in comparison to three-layer rubberwood particleboard. Journal of Oil Palm Reserch, 27(1):64-67	2015
M. Siti Alwani, H.P.S, Abdul Khalil, Md. Nazrul Islam, O.Sulaiman, **A.Zaidon**, & Rudi Dungani. Microstructural study, tensile properties, and scanning electron microscopy fractography failure analysis of various agricultural residue fibers. J. Natural Fibers, 12(2):154-168	2015
Aikfe Ang, **Zaidon Ashaari**, Edi S.Bakar and Nor A. Ibrahim. Characterization and optimization of the Glyoxalation of a Methanol-Fractionated alkali lignin using response surface methodology. Bioresources, 10(3): 4795-4810	2015
F.L Nabil, **A.Zaidon**, M.Jawaid, U.M.K Anwar, E.S Bakar, M.T Paridah, S.M.A Ridzuan, G.M Aizat. Physical and morphological properties of nanoclay in low molecular weight phenol formaldehyde resin by ultrasonication. International Journal of Adhesion & Adhesives, 62:124-129	2015
S.H. Lee, W.C.Lum, **A.Zaidon**, M.Maminski. Microstructural, mechanical and physical properties of post heat-treated melamine-fortified urea formaldehyde-bonded particleboard. Eur. J. Wood Prod.	2015
Angfei Ang, **Zaidon Ashaari**, Edi S. Bakar, and Nor A.Ibrahim. Characterisation of sequential solvent fractionation and base-catalysed depolymerisation of treated alkali lignin. Bioresources 10(3):4137 - 4151	2015
AR Norhisham, A Faizah & **A Zaidon**. Effects of moisture content on the bamboo borer Dinoderus Minutus. J. Trop. Forest Sci. 27(3): 334-341	2015
Seyed Eshagh Ebadi, Ali Karimi, Adrian C.Y.Choo, **Zaidon Ashaari**, Hamid Reza Naji, Mojtaba Soltani, and Saliman Muhammad Anuar Ridzuan. Physical Behavior of Hydro-thermally Treated oil palm wood in Different buffered pH Media. Bioresources 10(3):5317-5329	2015
Nabil Fikri Leemon, **Zaidon Ashaari**, Mohd Khairun Anwar Uyup, Edi Suhaimi Bakar,Paridah Md Tahir, Mohd Anuar Ridzuan Saliman, Mohd Aizat Ghani, Seng Hua Lee. Characterisation of phenolic resin and nanoclay admixture and its effect on impreg wood. Wood Sci Technol	2015
Syarifah Hanisah Syed Mokhtarruddin, Zakiah Ahmad, Rohana Hassan, **Zaidon Ashaari.** A CONCEPTUAL REVIEW OF WEATHERING TESTING USING MALAYSIAN TROPICAL TIMBER. Jurnal teknologi	2015

ZAIDON ASHAARI, LEE SENG HUA & MOHD NOR EFFENDI BIN RADZALI. Effects of Ammonium Carbonate Post treatment on Phenolic Resin Treated Sesenduk (Endospermum diadenum) Wood. Sains Malaysiana 44(7)(2015): 987–994.	2015
A. Zaidon, G.H. Kim, M.T. Paridah, E.S. Bakar & I. Rushdan. 2012. Optimisation of The Processing Variables in Gaining High Polymer Loading in Compressed Wood Using Response Surface Methodology (RSM). Journal of Tropical Forest Science. Inpress	2014
A.F. ANG, **A. ZAIDON**, E.S. BAKAR, S. MOHD HAMAMI, U.M.K. ANWAR & M. JAWAID 2014. Possibility of Improving the Properties of Mahang Wood (*Macaranga* sp.) through Phenolic *Compreg* Technique. Sains Malaysiana 43(2)(2014): 219–225	2014
NOR HAFIZAH AB. WAHAB, PARIDAH MD. TAHIR, NOR YUZIAH MOHD YUNUS, **ZAIDON ASHAARI**, ADRIAN CHOO CHENG YONG, and NOR AZOWA IBRAHIM 2014. Influence of Resin Molecular Weight on Curing and Thermal Degradation of Plywood Made From Phenolic Prepreg Palm Veneers. The Journal of Adhesion, 90:210–229, 2014	2014
A. G. AIZAT, **A. ZAIDON**, F. L. NABIL, E. S. BAKAR, AND H. RASMINA 2014. Effects of Diffusion Process and Compression on Polymer Loading of Laminated Compreg Oil Palm (Elaeis guineensis) Wood and Its Relation to Properties. Journal of Biobased Materials and Bioenergy Vol. 8, 1–7, 2014	2014
LEE, S H; H'NG, P S; LUM, W C; **A ZAIDON**; BAKAR, E S; NURLIYANA, M Y; CHAI, E W and CHIN, K L. 2014. Mechanical and physical properties of oil palm trunk core particleboard bonded with different uf resins. Journal of Oil Palm Research Vol. 26 (2) June 2014 p. 163-169.	2014
AS NORDAHLIA, UMK ANWAR, H HAMDAN, **A ZAIDON** & MK MOHAMAD OMAR. 2014. Mechanical properties of 10-year-old sentang *(azadirachta excelsa)* grown from vegetative propagation. Journal of Tropical Forest Science 26(2): 240–248 (2014)	2014
TP PURBA, **A ZAIDON**, ES BAKAR1 & MT PARIDAH. 2014. Effects of processing factors and polymer retention on the performance of phenolic-treated wood. *Journal of Tropical Forest Science* 26(3): 320–330 (2014)	2014
A. ZAIDON, G.H. KIM, E.S. BAKAR & H. RASMINA 2014. Response Surface Methodology Models of Processing Parameters for High Performance Phenolic *Compreg* Wood. Sains Malaysiana 43(5)(2014): 775–782	2014
EDI SUHAIMI BAKAR, JUN HAO , **ZAIDON ASHAARI** , ADRIAN CHOO CHENG YONG Durability of phenolic-resin-treated oil palm wood against subterranean termites a white-rot fungus. International Biodeterioration & Biodegradation, 85 (2013) 126-130 2013	2013

H. PROJEK PENYELIDIKAN TERDAHULU *(Past Research Project)*

Project No.	*Project Title*	*Role*	*Year*	*Source of fund*	*Status*
GP-IPS/2014/9448300	Nano fillers and phenolic resin admixture as novel formulation to treat low density wood	Project leader	2015-2017	GP-IPS/2014/9448300 (13,500)	On-going
	Characterisctics and morphological properties o thermal treated wood particles and its relation to performance of particleboa			FRGS (89,000)	On-going
GP-IPB-2013-	High performance compreg	Project	2013-	GP (97,000)	Completed

9313403	laminated product from bamboo Hybrid	leader	2016		
05-02-12-1832RU	Synthesis and characterization of lignin-glyoxal thermosetting resin and its effects on treated rubberwood	Project leader	2012-2014	13,000	completed
	Developments of preservation systems for composite boards	Project leader	1999-2000	Short-term UPM	Completed
	Treatability of timbers of plantation and secondary species with preservative	Project leader	1998-1999	Short term, Universiti Putra Malaysia (RM10,000)	Completed
	Deterioration and Service life of plantation timber species	Project leader	1997-1998	Short term, Universiti Pertanian Malaysia (RM10,000)	Completed
	The distribution of boron compounds in treated rattan when dehydrated and exposed to humid conditions	Project leader	1996-1997	Short term, Universiti Pertanian Malaysia (RM10,000)	Completed
	Treatments of wood with polymer to impart dimensional stability and strength properties	Project leader	1987-1989	FPRL, Mississippi State University, (USD14,000)	Completed
	Utilisation of bamboo culms for structural bamboo plywood	Project leader	2002 - 2004	IRPA RM128,000.00	Completed
	Properties enhancement of composite products manufactured from new rubberwood species and clones and Oil Palm Blend	Project leader	2003-2007	PR-IRPA Part of the allocation RM134,000	Completed
	Liquid Permeability and Treatability of Underutilised Wood Species and Its Relation to Treatment with Chemicals	Project leader	Jan. 2007 - Dec. 2009	Fundamental Research Grant Scheme, MOHE RM82,500	Completed
	Improvement of Raw Material From Underutilized Timber Species Through Chemical and Densification Treatments For Value-Added Laminated Products	Project leader	July 2007-June 2009	Science fund, MOSTI RM317,000	Completed

	Effect of treatment variables and scavengers on formaldehyde emission and properties of wood treated with phenolic resin.	Project leader	July 2010 June 2012	FRGS 48,000	Completed
	Optimisation of processing variables in compregnating low density wood with phenolic resin by response surface methodology	Project leader	July 2010- June 2012	RUGS 40,000	Completed
	Increasing the Value of Sesendok (*Endospermum malaccense*) Wood Through Chemical Modification and Incorporation of Nano Clay Particles	Project leader	March 2012 – Feb. 2014	Science fund 157,000	Completed

Supervision for MSc Theses

Nos.	Name	Topic	Supervisory committee	Session
1	Muhammad Aizat Abd. Ghani	Performance of laminated compreg OPW associated with the diffusion and compression on polymer loading	**Chairman**	completed
2	Nabil Fikri Leemon	Performance of wood treated wood with admixture of low molecular weight PF resin and nanoclay	**Chairman**	completed
3	S.S. Umar Ibrahim	Optimisation of oil heat treatment process to enhance rubberwood properties using RSM	**Chairman**	completed
4	Andy bin Anthony	Efficacy of Different Treatment Methods for Protection of Bamboo Against the Bamboo Borer, Dinoderus Minutus	**Committee**	completed
5	Nur Farizan bt Faisal		**Committee**	completed
6	Abdul Muhaimin Zakaria	Performance of Steel Bar Enhanced with Bamboo Strips Insulation Bars in Reinforced Concrete	**Committee**	2010
7	Loh Yang Way	Development of Ultra Low Formaldehyde Release (Super Ea) Particleboard by using New Formulation Melamine Urea Formaldehyde	**Committee**	completed
	Nurul Izzati Nordin	Treatability and fluid pathways in oil palm	**committee**	completed
8	Tan Hui Rus	Comprehensive Study on Pretreatment on Kenaf Chips with White Rot Fungi for Pulp	**Committee**	completed

		and Paper		
9	Norhisham bin Ahmad Razi	Development and Reproductive Biology of the Bambo Borer, Dinoderus Minutus	**Committee**	completed
10	Nur Izreen Farah Azmi	Properties of Low Density Wood Impregnated with Phenolic Resin Admixed with Urea	**Chairman**	completed
11	Rabi'atol Adawiah Mohd Ali	Addition of Formaldehyde Scavenger on Properties of Low Density Wood Impregnated with Phenolic Resin	**Chairman**	completed
12	Nurul Nabilah Hamzah	Assessment of Oil Palm Wood Quality Improvement through Impregnation Modification using Pre-Polymer Polyurethane	**Committee**	completed
13	Mohd Sofydzulhayry bin Mohd Noor	Durability of PF Impregnated Oil Palm Wood Against Termite and Weathering	**Committee**	completed
14	Mohd Syolahuddin Mokhtar	Study on Wood Quality of Rubberwood Planted in High Density Planting	**Committee**	2009
15	Mohamad Amarullah	Reducing Formaldehyde Emission of Treated Oil Palm Wood Through Final Drying and Urea addition	**Committee**	completed
16	Johar bin Mohamed	Silviculture of Gigantochloa and Dendrocalamus Asper in Seremban, Negeri Sembilan, Malaysia	**Committee**	completed
17	Tri Paduka Purba	Chemical Modification of Sesenduk (Endospermum Malaccense) Through Impregnation nd Compregnation With Low Molecular Weight Phenol Formaldehyde	**Chairman**	completed
18	Juli Robani Othman	Quality assessment of new rubberwood species and clones	**Committee**	completed
19	Ang Aik Fe	Improvement or raw materials from underutilised timber species through chemical treatments	**Chairman**	completed
20	Izran Kamal	Strength and fire performance of treated low density particleboard from kenaf core	**Chairman**	completed
21	Nordahlia Abdullah Siam	Wood quality of sentang grown from rooted cuttings	**Chairman**	completed
22	Nor Hairul Nizam Awg Malek	Properties Enhancement of Particleboard made form blended oil palm fiber and rubberwood	**Chairman**	completed
23	Rafidah Md. Salim	Effect of high oil boiling treatment on properties of *Gigantochloa scortechinii* (Buluh semantan)	**Chairman**	completed
24	Roziela Hanim Alamjuri	Effects of chemical treatments on gluing properties of Bamboo	**Chairman**	completed
25	Sabiha Salim	Properties of High density fibreboard manufactured from bamboo *Gigantochloa scortechinii)*	**Chairman**	completed
26	James Joshue	Wood quality assessment of exotic *Xylia*	**Committee**	completed

		xylocarpa and *Khaya ivorensis*, planted in Sabah		
27	Mohd. Khairun Uyup	Utilisation of bamboo culm for structural plywood	**Chairman**	completed
28	Kiyoko Honjo	Radial fluctuation of wood fiber length in *Acacia mangium* and its relationship with maturation	**Committee**	completed
29	Shirley @ Marylinda Bakansing	The structure and Ultrastucture of oil palm fibres	**Committee**	completed
30	Mohd. Izham Yahya	Quality assessment of timber latex clone (TLC) rubberwood for different clone	**Committee**	completed
31	Noridah Osman	Efficacy of the preservative carbendazim + prochroloraz against stain fungi od different clone of rubberwood	**Chairman**	completed
32	Paiman Bawon	Performance rating for small and medium size furniture manufacturers under integrated marketing scheme in Peninsular Malaysia	**Committee**	completed
33	Hashim Wan Samsi	Drying characteristic of two commonly used Malaysian bamboos	**Committee**	completed
34	Roslan Mohamad	Juvenility in rubberwood and its influence on the processing properties	**Committee**	completed
35	Kandau Jenang	Treatability and effect of CCA treatment on bending strength of three timber species of Sarawak	**Committee**	completed

Supervision for Ph.D Theses

Nos.	Name	Topic		Session
1	Ang Aik Fe	Impregnation Modification of Rubberwood (Hevea Brasiliensis) with Lignin-Glyoxal Thermosetting Resin using Vacuum Pressure Process	**Chairman**	completed
2	NurIzreen farah Azmi	Characterisation of nanoparticles in low molecular weight Pf resin and its effect on *Impreg*	**chairman**	2013-2016
3	Rabiatol Adawiah mohd Ali	MUF resin as bulking agents for *Impreg and Compreg wood and bamboo*	**Chairman**	2013-2016
4	Fatin ruzanna	Properties of pre-treated rubberwood particles for particleboard	**Chairman**	2014-2017
5	Muhammad aizat Abdul Ghani	Formaldehyde admission of rubberwood particleboard with different ammonium compound hardener	**Chairman**	2014-2017
6	Norhaslinda Razali	Biosoda Pulping on Banana Pseudostem	**Committee**	completed
7	Lee Seng Hua	Development of Ultra Low Emission Particleboard by using New Formulation of UF Resin	**Committee**	completed
8	Lum Wei Chen	Development of Ultra Low Emission (Super E0) Particleboard by using New Formulation of Formaldehyde Catcher	**Committee**	completed
9	Ahmad Fauzi Awang@Othman	Oil Palm Lumber (OPL) Drying in Relative to Lumber Staking Distance, Straining Weight and Tree High Portion	**Committee**	2011

10	Seyed Eshaq Ebadi	Properties of oil palm wood treated with buffered media at high temperature	**Chairman**	2013-2016
11	Nurul Amirah Zainol	Production of High Quality Charcoal from Three Malaysian Bamboos Foa Commercial Purposes	**Committee**	2010
12	Singgaram Ayeru	Effect of air velocity in kiln drying rubberwood	**Chairman**	completed
13	Selyoum kalemwork	The structure and Ultrastucture of oil palm fibres	**Committee**	completed
14	Jamaludin Kassim	Properties of particleboard and fibre reinforced plastic composite from bamboo (*Gigantochloa scortechinii*)	**Committee**	completed