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PERSONAL PARTICULARS

Date of Birth	23 September 1984
Age	37
Nationality	Malaysian
Marital Status	Married
Place of Birth	Selangor
Sex	Female
Health	Excellent
Personality	Able to work hard, willing to learn Outgoing and pleasant

ACADEMIC QUALIFICATIONS

Aug 2014	Phd in Wood adhesives and Composites from University of Lorraine, France
2010	MSc. Oleochemistry from Universiti Putra Malaysia, Malaysia
2006	Bachelor of Science (Hons.) in Chemistry from Universiti Putra Malaysia, Malaysia

PUBLICATIONS/ PRESENTED PAPERS/ THESIS

Publication

Abdullah, U. H. & Pizzi, A. (2013). Tannin-furfuryl alcohol wood panel adhesives without formaldehyde. *European Journal of Wood and Wood Products*, 71(1), 131-132.

Abdullah, U. H., Pizzi, A., Rode, K., Delmotte, L., Zhou, X., & Mansouri, H. R. (2013). Mimosa tannin resins for impregnated paper overlays. *European journal of wood and wood products*, 71(2), 153-162.

Abdullah, U. H., Zhou, X., Pizzi, A., & Merlin, A. (2013). Note on surface quality of plywood overlaid with mimosa (*Acacia mearnsii*) tannin and melamine urea formaldehyde impregnated paper: effects of moisture content of resin impregnated papers before pressing on physical properties of overlaid panels. *International Wood Products Journal*, 4(4), 253-256.

Abdullah, U. H., Pizzi, A., & Zhou, X. (2014). High pressure paper laminates from mimosa tannin resin. *International Wood Products Journal*, 5(4), 224-227.

Zhou, X., Segovia, C., **Abdullah, U. H.**, Pizzi, A., & Du, G. (2017). A novel fiber–veneer-laminated composite based on tannin resin. *The Journal of Adhesion*, 93(6), 461-467.

Jumaat, S. R., Tajuddin, S. N., Sudmoon, R., Chaveerach, A., **Abdullah, U. H.**, & Mohamed, R. (2017). Chemical constituents and toxicity screening of three aromatic plant species from Peninsular Malaysia. *BioResources*, 12(3), 5878-5895.

Adam, A. Z., Tajuddin, S. N., Sudmoon, R., Chaveerach, A., **Abdullah, U. H.**, Mahat, M. N., & Mohamed, R. (2018). Chemical constituents and toxicity effects of leaves from several agarwood tree species (*Aquilaria*). *Journal of Tropical Forest Science*, 30(3), 342-353.

Hamid, N. H., Hisan, W. S. I. W. B., **Abdullah, U. H.**, Azim, A. A. A., & Tahir, P. M. (2019). Mechanical Properties and Moisture Absorption of Epoxy Composites Mixed with Amorphous and Crystalline Silica from Rice Husk. *BioResources*, 14(3), 7363-7374.

Lee, S. H., Md Tahir, P., Lum, W. C., Tan, L. P., Bawon, P., Park, B. D., ... & **Abdullah, U. H.** (2020). A Review on Citric Acid as Green Modifying Agent and Binder for Wood. *Polymers*, 12(8), 1692.

Hafiz, N. L. M., Tahir, P. M., Lee, S. H., Abidin, Z. Z., Sabaruddin, F. A., Yunus, N. Y. M., **Abdullah, U. H.**... & HPS, A. K. (2020). Curing and thermal properties of co-polymerized tannin phenol–formaldehyde resin for bonding wood veneers. *Journal of Materials Research and Technology*, 9(4), 6994-7001.

Mohammad Suffian James, R., Md Tahir, P., Hua, L. S., **Abdullah, U. H.**, Uyup, M. K. A., Mohd Yusof, N., & Johari, I. (2020). Finishing performance of *Acacia mangium* wood surface-treated with methanol. *The Journal of Adhesion*, 1-20.

Seminars/ conferences

Abdullah, U.H., Rahman, R.N.Z.R.A., Salleh, A.B., & Basri, M. (2008). Phase behavior of Palm Oil Esters Using Nonionic Surfactants. 12th Asian Chemical congress. 23-25th August 2007, PWTC, Kuala Lumpur

Abdullah, U.H., Rahman, R.N.Z.R.A., Salleh, A.B., & Basri, M. (2008). Influence of Hydrocolloids on the Rheology and Stability of Ibuprofen Loaded nanoemulsions.

International Conference for Young Chemist. 18-20 June 2008, Universiti Sains Malaysia, Malaysia

Abdullah, U.H., Huong, C.K., Ismail, Z., Rahman, R.N.Z.R.A., Salleh, A.B., Rahman, M.B.A., & Basri, M. (2009). Topical Palm-based Nanoemulsions As the Delivery System of NSAIDs (Poster Presented). Invention, Research and Innovation Exhibition (PRPI). Bronze Medal. Universiti Putra Malaysia, Malaysia

Abdullah, U.H & Pizzi, A. (2012). Formaldehyde- Free Resin for Wood Panel Adhesives and Paper Laminates. Seminaire Ecole Doctorale Ressources Procédés Produits Environment. 19 January 2012, Nancy, France

Abdullah, U.H & Pizzi, A. (2013). Formaldehyde- Free Resin for Wood Panel Adhesives and Paper Laminates. Woodchem Congress, 26-27th September 2013, Nancy, France

Abdullah, U.H., Zainun, F.S., & Hamid, N.H. (2019). Surface Properties of Plywood Overlaid With Acacia Tannin And Phenol Formaldehyde Impregnated Papers (Presented Poster). Wood and Biofibre International Conference. 3-5 December 2019, Kota Kinabalu, Sabah, Malaysia

Research Awards

Abdullah, U.H., Huong, C.K., Ismail, Z., Rahman, R.N.Z.R.A., Salleh, A.B., Rahman, M.B.A., & Basri, M. (2009). Designs And Developments Of Palm-based Transdermal Nanoemulsions For Nsaids (Poster Presented). Persidangan dan Ekspo Ciptaan Institusi Pengajian Tinggi Antarabangsa (PECIPTA). Silver Medal. 8-10 October 2009, KLCC, Malaysia

Abdullah, U.H., Huong, C.K., Ismail, Z., Rahman, R.N.Z.R.A., Salleh, A.B., Rahman, M.B.A., & Basri, M. (2009). Designs And Developments Of Palm-based Transdermal Nanoemulsions For Nsaids (Poster Presented). Invention, Research and Innovation Exhibition (PRPI). Gold Medal. Universiti Putra Malaysia, Malaysia

Thesis

Abdullah, U. H. (2006). Preparation of Palm Based Serum With Vitamin E (Bachelor's thesis, Universiti Putra Malaysia)

Abdullah, U. H. (2010). *Nanoemulsion Formulation of Palm Oil Esters for Topical Delivery of Ibuprofen* (Master's thesis, Universiti Putra Malaysia).

Abdullah, U. H. (2014). *Développement de stratifiés de papiers imprégnés à base de résine de tannin de mimosa et d'alcool furfurylique* (Doctoral dissertation, Université de Lorraine)

RESEARCH PROJECT

Acacia mangium wood adhesives as a new impregnating resin for high pressure paper laminates (GP)	Project leader	Ongoing (2019-2022)
Mechanical properties and moisture Adsorption of Epoxy resin reinforced With nano-crytalline silica from rice Husk (GPB)	Co-researcher	Ongoing (2017-2021)
Hydrothermal treatment of rubberwood (Hevea brasiliensis) in buffered media and its effect on physic-mechanical and biological properties (SWASTA)	Project leader	Ongoing (2018-2022)
Commercial scale woven oil pal sandwich Composite panel prototype for industrial Building material applications (PRGS)	Co-researcher	Ongoing (2019-2023)

PROFESSIONAL SERVICES/ COMMITTEE MEMBER

1. Committee member for Point of Contact Network for Malaysia – France University (2020-2022)
2. ISO committee member for Institute of Material Malaysia (2018-2022)
3. Committee member for UPM-Kyutech International Collaborative Learning 2020
4. Committee member for Program Pendidikan Alam Semulajadi Untuk Murid – murid Khas (2016-2020) (Projek Berimpak Tinggi 2017)
5. Committee member for Forestry Camp (2020)
6. Committee member for Transformation and Strategic Plan FHAS- Group 6 (2020)
7. Manuscript reviewer for Bioresources Journal. Manuscript entitled Influence of moisture content on the mechanical properties of selected wood-based composites (2020)
8. Committee member for Bachelor of Wood Science and Technology BSTK Promotion Programme (2015-2021)
9. Supervisor for Industrial training students from Politeknik Shah Alam (2019-2020)

10. Supervisor for Industrial training students from Uitm Jengka (2018, 2019, 2020)
11. Technical Advisor for Projek Pendidikan Alam Semulajadi di Sekolah Daerah Sepang (2019)
12. Manuscript reviewer for Bioresources Journal. Manuscript entitled Free Formaldehyde Reduction in Urea-formaldehyde Resin Adhesive: Modifier Addition Effect and Physicochemical Property Characterization (2019)
13. Manuscript reviewer for Bioresources Journal. Manuscript entitled Production of Melamine Formaldehyde Resin Used in Impregnation by Incorporation Of Ehtylene Glycol Formaldehyde Content (2019)
14. Committee member for Forestry Camp (2019)
15. Facilitator for Department Module- Forestry Camp (2019)
16. Task Force COPPA Documents for BSTK (2019)
17. Committee member for Semester Exams Question and Answer Scheme (2019)
18. Advisor for Nobel Laureate Outreach Camp MARA - Scientists for Tomorrow (2018)
19. Committee member for Regional Symposium on Tropical Wood Product Education (2018)
20. Committee member for Symposium on Forest Product Education: Finding the Right Model (2018)
21. Paper reviewer for Wood and Biofiber International Conference (2017)
22. Book Reviewer for Penerbit USM. Book entitled Preparation and Characterization of Formaldehyde-Free Wood Adhesives from Oil Palm (*Elaeis guineensis*) Fronds Lignin (2017)
23. Committee member for Semakan Program Bachelor of Wood Science and Technology BSTK (2017)
24. Working Group Member on Adhesives for Malaysian Standards (2014)

RESEARCH AREA OF INTEREST

Wood chemistry; Biocomposites; Wood Adhesives

RELEVANT WORK EXPERIENCES

Position	Employer	Year
Senior Lecturer	Department of Natural Resources Industry Faculty of Forestry and Environment Universiti Putra Malaysia	Aug 2014- present
Tutor	Department of Forest Production Faculty of Forestry Universiti Putra Malaysia	2010- 2014
Research Assistant	Department of Chemistry Faculty of Science Universiti Putra Malaysia	2008- 2009
Temporary Teacher	Sekolah Rendah Integrasi Bandar Baru Bangi	2007

REFEREES

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