REFERENCES

- Bledzki, A.K. and Faruk, O. (2003) Wood fibre reinforced polypropylene composites: effect of fibre geometry and coupling agent on physic-mechanical properties. <u>Applied Composite Materials</u>, 10, 365-379.
- Bledzki, A.K., Reihmane, S., and Gassan, J. (1998) Thermoplastics reinforced with wood fillers: a literature review. <u>Polymer-Plastics Technology and Engineering</u>, 37(4), 451-468.
- Caulfield, D.F., Clemons, C., Jacobson, R.E., and Rowell, R.M. (2005) <u>Handbook</u> of Wood Chemistry and Wood Composites. USA: CRC Press.
- Clemons, C. (2002) Wood-plastic composites in the United States: the interfacing of two industry. Forest Products Journal, 52, 10-18.
- Coutinho, F.M.B. and Costa, T.H.S. (1999) Performance of polypropylene-wood fiber composites. <u>Polymer Testing</u>, 18, 581-587.
- Hemmasi, A.H., Khademi-Eslam, H., Talaiepoor, M., Kord, B., and Ghasemi, I. (2010) Effect of nanoclay on the mechanical and moephological properties of wood polymer nanocomposite. <u>Journal of Reinforced Plastics and Composites</u>, 29, 964-971.
- Ichazo, M.N., Albano, C., Gonzalez, J., Perera, R. and Candal, M.V. (2001)

 Polypropylene/wood flour composites: treatment and properties. <u>Composite</u>

 Structure, 54, 207-214.
- Lee, S.Y., Kang, I.A., Doh, G.H., Kim, W.J., Kim, J.S., Yoon. H.G., and Wu, Q. (2008) Thermal, mechanical and morphological properties of polypropylene/clay/wood flour nanocomposites. eXPRESS Polymer Letters, 2, 78-87.
- Li, B. and He, J. (2004) Investigation of mechanical property, flame retardancy and thermal degradation of LLDPE-wood-fibre composites. <u>Polymer</u>

 Degradation and <u>Stability</u>, 83, 241-246.

- Lippke, B., Wilson, J., Perez-Garcia, J., and Bowyer, J. (2004) Life cycle environmental performance of renewable building materials. <u>Forest Products Journal</u>, 54, 8-19.
- Lu, J.Z., Wu, Q., and McNabb, H.S. (2000) Chemical coupling in wood fiber and polymer composites: a review of coupling agents and treatments. Wood and Fiber Science, 32(1), 88-104.
- Markarian, J. (2005) Wood-plastic composites: current trends in materials and processing. <u>Plastic Additive & Compounding</u>, 7(5), 20-26.
- Myers. G.E., Kolosick, P.C., Chahyadi, I.S., Coberly, C.A., Koutsky, J.A. and Ermer, D.S. (1990) Extrude wood-flour polypropylene composites: effect of maleated polypropylene coupling agent on filler-matrix bounding and properties. <u>Materials Research Society Symposium Proceedings</u>, 197, 67-76.
- Pavlidou, S. and Papaspyrides, C.D. (2008) A review on polymer-layered silicate nanocoposites. Progress in Polymer Science, 33, 1119-1198.
- Pendelton, D.E., Hoffard, T.A., Adcock, T., Woodward, B. and Wolcott, M.P. (2002) Durability of an extruded HDPE/wood composite. Forest Products Journal, 52, 21-27.
- Salemane, M.G. and Luyt, A.S. (2005) Thermal and mechanical properties of polypropylene-wood powder composites. <u>Journal of Applied Polymer</u> Science, 100, 4173-4180.
- Soury, E., Behravesh, A.H., Rouhani Esfahani, E., and Zolfaghari, A. (2009)

 Design optimization and manufacturing of wood plastic composite pallet.

 Materials and Design, 30, 4183-4191.
- Wang, W. and Morrell, J.J. (2004) Water sorption characteristics of two wood-plastic composites. <u>Forest Products Journal</u>, 54, 209-212.

- Wu, Q., Liu, X., and Berglund, L.A. (2002) FT-IR spectroscopic study of hydrogen bonding in PA6/clay nanocomposites. <u>Polymer</u>, 43, 2445-2449.
- Zhong, Y., Poloso, T., Hetzer, M. and Kee, D.D. (2007) Enhancement of wood/polyethylene composites via compatibilization and incorporation of organoclay particles. Polymer Engineering and Science, 47(6), 797-803.

CURRICULUM VITAE

Name: Mr. Nutcha Prasertnasung

Date of Birth: February 21, 1988

Nationality: Thai

University Education:

2006 – 2010 Bachelor Degree of Polymer Science and Textile Technology, Faculty of Science, Chulalongkorn University, Bangkok, Thailand.

Proceedings:

Prasertnasung, N.; Chaisuwan, T.; and Wongkasemjit, S. (2013, April 23)
 Commercial preparation of nanoclay incorporated wood plastic composites. <u>Proceedings of the 19th PPC Symposium on Petroleum</u>, Petrochemicals, and Polymers, Bangkok, Thailand.

Presentations:

Prasertnasung, N.; Chaisuwan, T.; and Wongkasemjit, S. (2013, April 23)
 Commercial preparation of nanoclay incorporated wood plastic composites. <u>Paper presented at the 19th PPC Symposium on Petroleum</u>, <u>Petrochemicals, and Polymers</u>, Bangkok, Thailand.