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EDUCATION:

Ph.D. (Biological Science), Virginia Polytechnic Institute & State University, Blacksburg VA, USA

B.Sc. (Plant Science), Mahidol University, Thailand

PRESENTATION and WORKSHOP:

2018 **Tropical Rhododendron and Their Survival Tactics**. Seminar speaker, Department of Biotechnology, Faculty of Science, Mahidol University

JENESYS program: Exchange for Manufacturing and Technology, Japan International Cooperation Center, Japan

2017 **Rhododendron Adaptation to warmer climate and microclimate Restriction: A Research Approach.** Department of Botany, Faculty of Science, Kasetsart University, Thailand

2016 **Vegetative Anatomy of *Rhododendron* with a Focus on a Comparison between Temperate and Tropical Species.** Defense seminar, Department of Biological Science, Virginia Tech, USA.

2016 **Evolution of Tropical *Rhododendrons*.** Guest speaker, Virginia Native Plant Society, Virginia, USA.

2015 **A Comparison of Leaf Anatomical Traits Between Temperate and Tropical members of *Rhododendron*.** Oral presentation, Graduate Research Symposium 2015, College of William and Mary, USA.

2015 **Comparison of Idioblast Expression in Temperate and Tropical *Rhododendrons*.** Poster presentation with Rose Peterson. Research Day, Virginia Tech, USA.

RESEARCH AND PUBLICATION:

Tulyananda, T., Nilsen, E.T. (2017) **A comparison of xylem vessel metrics between tropical and temperate *Rhododendron* species across elevation ranges.** *Australian Journal of Botany*, 65(4): 389-399.

Tulyananda, T., Nilsen, E.T. (2017) **The role of idioblasts in leaf water relations of tropical *Rhododendron*.** *American Journal of Botany*, 104(6): 828-839.

Tulyananda, T. (2016) **Vegetative Anatomy of Rhododendron with a Focus on a Comparison between Temperate and Tropical Species** (doctoral dissertation). Virginia Polytechnic Institute & State University.

Nilsen, E.T., Tulyanon, T. (2015) **An update on the diversity and function of foliar scales using data from *Rhododendron* in section *Schistanthe* (Ericaceae)**. *Journal American Rhododendron Society*, 69: 187-193.

RESEARCH GRANT (2014-2019):

- **Effect of seasonal hot wind to longan (*Dimocarpus longan* Lour.) flower bud development in physiology, molecular, morphology and anatomy aspect.** The Thailand Research Fund (Agriculture Division), Thailand
- **Sustainable Life-supporting Bioreactor from Watermeal for Future Space Exploration.** Geo-Informatics and Space Technology Development Agency, Thailand
- **Differences in functional traits between tropical and temperate groups of *Rhododendron***. Graduate Research Development Program (GRDP), Virginia Tech, USA.