**Curriculum Vitae:**

**Name:** Assoc/Prof. Orawan Prasartwuth, Ph.D

**Qualification:**

- B.Sc. (Physical Therapy), Chiang Mai University, Thailand
- M.Phty. (Master of Physiotherapy by Research), The University of Queensland, Brisbane, Australia
- Ph.D. (Doctor of Philosophy in Biomedical Science), The University of Sydney, Sydney, Australia

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**Education:**

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|---|---|
| 1984 – 1988 | Bachelor of Sciences in Physical Therapy,<br>Chiang Mai University, Chiang Mai, Thailand |
| 1994 – 1997 | Master Studies in Physiotherapy by Research,<br>The University of Queensland, Brisbane, Australia |
| 2001 – 2006 | Doctor of Philosophy (Physiotherapy),<br>The University of Sydney, Sydney, Australia |

**Working Experience:**

1989 – present: Academic staff in Musculoskeletal (Orthopaedic) Unit,
Department of Physiotherapy, Chiang Mai University, Chiang Mai, Thailand

**Latest Publications:**

1. Natthakitt Yongpraderm, Chatchai Phirawatthakul, Jitapa Chawawisuttikool, **Orawan Prasartwuth.** (2024) The validity of fitness watches synced with an accelerometer for measuring spatiotemporal parameters during running. Thai journal of physical therapy, 46(2): 64-77
2. Chawawisuttikool, J., Phirawatthakul, C., Thomchaita, W., Kongtong, K., Tieachanpan, C.& **Prasartwuth, O.** (2024). Reliability of running parameters using fitness watches synced with accelerometers during outdoor runs. *Journal of Associated Medical Sciences*, *57*(1), 170 – 176.
3. **Prasartwuth, O.**, Nanthoraphak, N., Kaseantadanon, A., Chawawisuttikool, J. & Phirawatthakul, C. (2022). Reliability and Minimal Detectable Change of Running Parameters Monitored by Fitness Watch and Accelerometer. *Journal of Thai Physical Therapy*, *44*(2), 97-105.
4. Wanmanee, S. & **Prasartwuth, O.** (2019). Effectiveness of Shoulder Stabilizing Exercises in Patients with Adhesive Capsulitis. *Journal of Thai Physical Therapy*, *41*(3), 112-128.
5. **Prasartwuth, O.**, Suteebut, R., Chawawisuttikool, J., Yavuz, U. S. & Turker, K. S. (2019). Using first bout effect to study the mechanisms underlying eccentric exercise induced force loss. *Journal of Bodywork and Movement Therapies*, *23*(1), 48-53.
6. Viriyawattanakul, M., Silsupadol, P., Yu, W. S. & **Prasartwuth, O.** (2015). Effectiveness of Hornsby Healthy Hip pants on hip fracture prevention from falls in the elders living in institution. *Journal of Medical Technology and Physical Therapy*, *27*(3), 287-297.
7. Thibordee, S. & **Prasartwuth, O.** (2014). Effectiveness of roundhouse kick in elite Taekwondo athletes. *Journal of Electromyography and Kinesiology*, *24*(3), 353-358.
8. Thibordeeand, S. & **Prasartwuth, O.** (2014). Factors influencing the impact force of the taekwondo roundhouse kick. *Chiang Mai University Journal of Natural Sciences*, *13*(1), 51-56.
9. Binboğa, E., **Prasartwuth, O.**, Pehlivan, M. & Türker, K. S. (2011). Responses of human soleus motor units to low-threshold stimulation of the tibial nerve. *Experimental brain research*, *213*(1), 73-86.
10. **Prasartwuth, O.**, Türker, K. S. & Binboğa, E. (2008). A study of synaptic connection between low threshold afferent fibres in common peroneal nerve and motoneurones in human tibialis anterior. *Experimental brain research*, *191*(4), 465.
11. **Prasartwuth, O.** (2006). *Neural Control of Eccentric Exercise*. Phd Thesis, School of Biomedical Sciences, Faculty of Health Sciences, University of Sydney.
12. **Prasartwuth, O.**, Allen, T., Butler, J., Gandevia, S. & Taylor, J. (2006). Length-dependent changes in voluntary activation, maximum voluntary torque and twitch responses after eccentric damage in humans. *The Journal of physiology*, *571*(1), 243-252.
13. **Prasartwuth, O.**, Taylor, J. & Gandevia, S. (2005). Maximal force, voluntary activation and muscle soreness after eccentric damage to human elbow flexor muscles. *The Journal of physiology*, *567*(1), 337-348.
14. **Prasartwuth, O.**, Taylors, J. & Gandevias, S (2004). Voluntary torque-angle and the resting twitch-angle relationship following eccentric exercise. In *Fourth College of Health Sciences Research Conference*, pages 4-4.