

NAME, Krityakiarana Warin

Faculty of Physical Therapy 999 Moo 6 Phuttamonthon 4 Road, Salaya,
Nakhon Pathom 73170 Thailand

Telephone: 664-946-5461 / e-mail: warin.kri@mahidol.edu



EDUCATION

- | | |
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| 2006- 2011 | MAHIDOL UNIVERSITY, Nakhonpathom, Thailand
Ph.D. (Neuroscience) |
| 1998 - 2002 | MAHIDOL UNIVERSITY, Nakhonpathom, Thailand
M.Sc. (Physical Therapy) |
| 1993 - 1997 | SRINAKHARINWIROT UNIVERSITY, Bangkok, Thailand
B.Sc. (Physical Therapy) |

POST GRADUATE TRAINING

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| 2007 - 2011 | UNIVERSITY OF CALIFORNIA LOS ANGELES, LA, California
Visiting Scholar “Mental Retardation Research Center”
Report to Prof. Jean de Vellis |
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LICENSES

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| 2023-10-05 | PHYSICAL THERAPY THAILAND
Active |
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PROFESSIONAL APPOINTMENTS

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| 18 January 2021 – present | MAHIDOL UNIVERSITY (FACULTY OF PHYSICAL THERAPY),
- Asst. Prof., Physical Therapy/ Dance Movement Analysis/
Assistive Technology/ Ultrasound Therapy |
| 19 January 2020 – 18 January 2021 | MAHIDOL UNIVERSITY (FACULTY OF PHYSICAL THERAPY),
- Deputy Dean for Education
- Asst. Prof., Physical Therapy/ Dance Movement Analysis/
Assistive Technology/ Ultrasound Therapy |

2 Jan 2019 – 18 January 2020 MAHIDOL UNIVERSITY (FACULTY OF PHYSICAL THERAPY),

- **Deputy Dean for Planning, Finance and Procurement**
- **Asst. Prof., Physical Therapy/ Dance Movement Analysis/ Assistive Technology/ Ultrasound Therapy**

18 May 2016 – 28 Dec 2018 MAHIDOL UNIVERSITY (RATCHASUDA COLLEGE),
Nakhonpathom, Thailand

- **Deputy Dean for Education and Quality Development**
- **Acting Deputy Dean for International Affairs**
- **Assistive Technology Service/**

2 Nov 2011 – 15 Jan 2016 SRINAKHARINWIROT UNIVERSITY (FACULTY OF HEALTH SCIENCE),
Nakhon Nayok, Thailand

- **Deputy Dean for Research and Continuing Education**
- **Asst. Prof., Physical Therapy**

RESEARCH INTEREST

- Khon masked dance and Thai classical dance movement analysis (Motor control and Biomechanics)
- Assistive technology

PUBLICATIONS

1. Kriyakiarana W., Thippawan C., Chairuean N. and Jullumjiak P. Prevalence of musculoskeletal injuries in Thai classical dancers. Research in Dance Education (*submitted*)
2. Kriyakiarana W. and Jongkamonwiwat N. Postural Control When Performing Star Excursion Balance Test in Thai Khon Masked Dancers Versus Nondancers. J Dance Med Sci (*submitted*)
3. Vongsirinavarat M, Mathiyakom W, Kriyakiarana W., Hengsomboon N, Kraiwong R. Survey of Attitudes, Knowledge, and Barriers to Evidence-Based Practice Among Thai Physical Therapists. The Internet Journal of Allied Health Sciences and Practice. 2020 Oct 12;18(4), Article 1.
4. Surarangsit T, Kriyakiarana W., Khongprasert S., Comparison of postural stability between dancers and healthy with and without chronic ankle instability. Journal of Sports Science and Health (2019); 20 (2): 26-39.
5. Odglun Y, Chaiwongroj C, Pakdeeronachit S, Kriyakiarana W. Information exposure level, knowledge and practice in prevention of osteoporosis in Ongkharak district, Nakhon-Nayok province. The Journal of Social Communication Innovation. (2016); 4 (1): 84-99.
6. Kriyakiarana W., Sompup K, Jongkamonwiwat N, Mukda S, Pinilla FG, Govitrapong P, Phansuwan-Pujito P. Effects of melatonin on severe crush spinal cord injury-induced reactive astrocyte and scar formation. J Neurosci Res. (2016); Sep 26. doi: 10.1002/jnr.23930.

7. Krityakiarana W and Jongkamonwiwat N. Comparison of Balance Performance between Thai Classical Dancers and Non-Dancers. *J Dance Med Sci* (2016); 20(2): 72-78.
8. Krityakiarana W, Zhao PM, Nguyen K, Gomez-Pinilla F, Kotchabhakdi N, de Vellis J, Espinosa-Jeffrey A. Proof-of Concept that an Acute Trophic Factors Intervention After Spinal Cord Injury Provides an Adequate Niche for Neuroprotection, Recruitment of Nestin-Expressing Progenitors and Regeneration. *Neurochem Res* (2016); 41(1-2):431-49.
9. Managit C, Suwanpetchakul C, Hunpaisarn C, Boonma V, Dangnual S, Jongkamonwiwat N, Krityakiarana K. Effects of Physical Therapy Electrotherapeutic Modalities on Sodium Diclofenac Permeation. *Thai Pharmaceutical and Health Science Journal* (2014); 9(4):145-150.
10. Krityakiarana W, Budworn J, Khajohnanan C, Suramas N and Puritasang W. Effect of ice bag, dynamic stretching and combined treatments on the prevention and treatment of delay onset muscle soreness. *Int J Physiother Res* (2014); 2(6):799-805. DOI: 10.16965/ijpr.2014.696
11. Krityakiarana W, Phucharoen P. Incidence of injury in amateur rugby fifteen players of Srinakharinwirot University in the 37th university game in Thailand. *Journal of Science and Technology* (2013); 5(9): 35-46.
12. Jongkamonwiwat N and Krityakiarana W. The neuroprotective effects of voluntary exercise in a restraint stress model. *ScienceAsia* (2012); 38: doi:10.2306/scienceasia1513-1874.2012.38.250
13. Krityakiarana W. Proprioceptive sense in Thai classical dancers. *Institute of Culture and Arts Journal* (2012); 14: 77-84.
14. Madee N, Artpui T, Mingkhuan Y and Krityakiarana W. The effects of sensorimotor training programs on static single leg balance in soccer players with chronic ankle sprain. *Journal of Health Science* (2012); 21: 1200-9.
15. Krityakiarana W, Espinosa-Jeffrey A, Zhao PM, Gomez-Pinilla F, Kotchabhakdi N, Yamaguchi M and de Vellis J. TS1 as early neuroprotective treatment after spinal cord injury in mice. *J Neurochem.* (2011) 115: Supp 1: 53.
16. Krityakiarana W, Espinosa-Jeffrey A, Ghiani CA, Zhao PM, Topaldjikian N, Gomez-Pinilla F, Yamaguchi M, Kotchabhakdi N, de Vellis J (2010). Voluntary exercise increases oligodendrogenesis in spinal cord. *Int J Neurosci.* 120: 280-90.

POST DOCTORIAL CONFERENCES

1. 2021 (Poster presentation): Htet H.T., Piriayaprasarth P., Krityakiarana W. "Effect of single textured insole on stance and gait in healthy individuals" The International Physical Therapy Research Symposium 2021 (IPTRS 2021): Current physical therapy research and future perspectives. Chulalongkorn University, Thailand

2. 2019 (Oral presentation): Engmahassakul K., Ploypetch T., Kheowsri S., Krityakiarana W. "Utilizing custom molded seating orthotic for an individual with quadriplegia GMFCSV: A case report" The 14th National and International Sripatum University Conference (SPUCON2019): Research and Innovations for Thailand 4.0, Thailand
3. 2019 (Oral presentation): Thanomwong P., Jongkamonwiwat N., Krityakiarana W. "Development of a measurement tool for leg length discrepancy in clinic" The 14th National and International Sripatum University Conference (SPUCON2019): Research and Innovations for Thailand 4.0, Thailand
4. 2019 (Oral presentation): Thitithunwarat N., Kheowsri S., Krityakiarana W. "The effect of modified ankle support device on walking ability in stroke patients" The 14th National and International Sripatum University Conference (SPUCON2019): Research and Innovations for Thailand 4.0, Thailand
5. 2019 (Oral presentation): Sukata S., Lerjoi P., Jongkamonwiwat N., Krityakiarana W. "The validity of the assessment Form of Wheelchair User's Shoulder Pain Index (WUSPI-T) - Thai version" The 14th National and International Sripatum University Conference (SPUCON2019): Research and Innovations for Thailand 4.0, Thailand
6. 2018 (Oral presentation): Sysoumung P., Sirirungruang I., Sirirungruang W., Krityakiarana W. "Survey of Preferred Delivery Methods for Training Related to Inclusive Education for Teacher in Vientiane Capital Lao P.D.R" 6th ASIAN Academic Society International Conference (AASIC), 8-10 November, Chiang Rai, Thailand. P. 403-412
7. 2017 (Poster presentation): Surarangsit T., Khongprasert S., Krityakiarana W. "The Cumberland Ankle Instability Tool for Predictive of Postural Control: Systematic Reviews" The 1st International Research and Innovation Knowledge Transformation Toward Thailand 4.0, Thailand
8. 2016 (Oral presentation): Krityakiarana W. "Diminished Visual Field Effects Standing and Walking Postural Stability" The 3rd Ratchasuda International Conference on Disability, Thailand

RESEARCH PROJECTS

- Thai Classical and Khon Mask Dancers postural control and movement analysis (November 2nd, 2011-present)
- Thai Classical musician injury, motor control and movement analysis (July 3rd, 2019-present)
- Textured insoles to improve postural control (October 24th, 2019 – present)
- Modify Seating and postural control for CP (September 10th, 2016-present)
- Leg length discrepancy measurement tools

(September 30th, 2017 – 2019)

-Assistive Device (Ankle Support) for Improving Postural/Gait Control in Stroke (September 10th, 2016-2019)

-Inclusive education for persons with disabilities
(September 30th, 2016-2018)

Grant

2020	New Frontier Research: Cognitive neuroscience in Khon masked performance (Active)
2014	Research Fund from Srinakharinwirot University: The effects of Xanthones on inflammation in spinal cord injury model. (DONE)
2014	Research Fund from Faculty of Graduate Study (Srinakharinwirot University): The effects of Khon costume loads on postural control in Khon dancers. (DONE)
2013	Research Fund from College of Social Communication Innovation: Information Exposure, Knowledge, Attitude and Practice in Prevention of Osteoporosis of Female in Ongkharak district, Nakhon-Nayok Province. (DONE)
2011	Research Fund Thailand Research Fund (TRF): Melatonin effects on reactive astrocytes and scar formation after severe crush spinal cord injury. (DONE)
2011	Research Fund from Faculty of Graduate Study (Srinakharinwirot University): Balance abilities and control of professional Thai classic dancers on sensory organization test performance. (DONE)
2010	Research Fund from Faculty of Health Science (Srinakharinwirot University): The effects of ankle co-ordination training programs on balance in soccer player with ankle sprain. (DONE)
2009	Research Fund from Faculty of Health Science (Srinakharinwirot University): Voluntary exercise effectively induces neuroprotection in stress. (DONE)

PERSONAL DATA

DATE OF BIRTH:

- April 17th, 1975

PLACE OF BIRTH

- Bangkok, Thailand

LANGUAGES

- Thai and English