

FUNDING

- 2018-2019** Co investigator; A smartphone based assessment of free living gait in young adults and older adults with and without a history of falls (60,000 Baht)
- 2018-2019** PI, Validity of a smartphone based assessment of gait during straight walking turning and walking speed modulation in laboratory and free living environments, Chiang Mai University (51,600 Baht)
- 2017-2018** Co investigator; Development of mobile emergency alert device for dependent people, Chiang Mai University (60,000 Baht)
- 2016-2017** PI, Validity of a smartphone based accelerometer for gait assessment in older adults, Chiang Mai University (52,302 Baht)
- 2014-2015** PI, Falls and functional mobility in older adults who practice mindfulness meditation, Chiang Mai University (60,000 Baht)
- 2014-2016** Co investigator; Development of a physical fitness assessment tool to perform activities of daily living related high risk of disability for Thai elderly, National Research Council of Thailand (500,000 Baht)
- 2014-2015** Co investigator; Gait speed during different walking conditions in patients with chronic neck pain, Chiang Mai University (40,320 Baht)
- 2013-2014** Co investigator; Physiological factors and functional ability predicting recurrent falls in the elderly, Chiang Mai University (51,620 Baht)
- 2013-2014** Co investigator; The effect of hip protector on falls in the elderly, Chiang Mai University (45,000 Baht)
- 2012-2013** Co investigator; Physiological factors associated with fall and functional ability in Thai community dwelling elderly, Chiang Mai University (60,000 Baht)
- 2011-2012** Co investigator; Effects of sit to stand home based exercise on muscle performance, physical performance and quality of life in the elderly, Chiang Mai University (57,145 Baht)
- 2010-2011** PI, Correlations between dividing and allocating attention during sitting and dual task gait performance in older adults, Chiang Mai University (48,180 Baht)
- 2009-2010** Co investigator; The effectiveness of aerobic exercises using VCD on physical fitness in obese children, Chiang Mai University (60,000 Baht)

AREAS OF SPECIAL INTEREST

Motor Control

Bionics

Cognitive Functions
Geriatric Physical Therapy

RESEARCH INTERESTS

Falls in Older Adults

Balance and Gait

Training and Rehabilitation

Smartphone based Assessment and Intervention

SERVICE TO THE FIELD

- **Aging Neuropsychology and Cognition**
- **American Journal of Physical Medicine & Rehabilitation**
- **Archives of Physical Medicine and Rehabilitation**
- **Gait and Posture**
- **Health and Quality of Life Outcomes**
- **Hong Kong Physiotherapy Journal**
- **International Journal of Therapy**

PEER-REVIEWED PRESENTATIONS AND PROCEEDINGS

Silapadd P, Puppakaw P, Kamadisi T, Lugde V. Effect of motor, visual, and cognitive demand of smartphone use on gait among young and older adults in