CURRICULUM VITAE

MUNLIKA SREMAKAEW, Ph.D., PT.

PERSONAL INFORMATON

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EDUCATION/DEGREES

2016 - 2020	Doctor of Philosophy in Biomedical Science (International Program), Chiang Mai University, Thailand
2014 - 2016	Master of Science in Movement and Exercise Sciences, Chiang Mai University, Thailand
2010 - 2014	Bachelor of Sciences in Physical Therapy (1^{st} Class Honors), Chiang Mai University, Thailand

POSITIONS/APPOINTMENTS

Dec, 2023 - present	Assistant Head of Department for International Relations and Corporate Communications, Department of Physical Therapy, Faculty of Associated Medical Sciences, Chiang Mai University
Nov, 2021 - present	Committee of postgraduate course, Movement and Exercise Sciences (International program), Faculty of Associated Medical Sciences, Chiang Mai University
Aug, 2020 - present	Lecturer in Geriatric Filed at Department of Physical Therapy, Faculty of Associated Medical Sciences, Chiang Mai University

WORK HISTORY/EXPERIENCES

Aug, 2020 - present	Instructor at Department of Physical Therapy, Faculty of Associated Medical Sciences, Chiang Mai University
Oct, 2015 - Feb, 2020	Teaching Assistant Department of Physical Therapy, Faculty of Associated Medical Sciences, Chiang Mai University
Feb, 2015 - Jan, 2020	Research Assistant Department of Physical Therapy, Faculty of Associated Medical Sciences, Chiang Mai University
2014 - 2019	Physical Therapist (part-time), Leab Klong Chonpratan Clinic, Chiang Mai, Thailand
2014 - 2019	Physical Therapist (Homecare)

SCHOLARSHIPS

2016 - 2019	The 40th Anniversary Faculty of Associated Medical Sciences Scholarship, Chiang Mai University
2015 - 2019	Teaching assistant/Research assistant Scholarship for Graduate Student, Chiang Mai University

PROFESSIONAL MEMBERSHIP

2014 - present	The Physical Therapy Association Thailand

AWARDS

2021-2023	Outstanding research award (Young researcher), Faculty of Associated Medical Sciences, Chiang Mai University

TRAINING/CONFERENCES

Course/Conference	Organization	Date
TSRI Research and Development Personnel Network Forum 2024: Preparing Today for Tomorrow's Challenges *(Poster presentation)*	Thailand Science Research and Innovation (TSRI). Thailand	Nov, 2024
The world conference of musculoskeletal and manual physical therapy *(Poster presentation)*	The International Federation of Orthopaedic Manipulative Physical Therapists (IFOMPT). Switzerland	Jul, 2024
The 13th PPCR on rehabilitation advances in research and practice *(Poster presentation)*	Department of Physical Therapy and Department of Occupational Therapy, Faculty of Associated Medical Sciences, Chiang Mai University. Thailand	Nov, 2023
Course Certificate of The Redcord Education Program (Neurac1)	Redcord Norway and SmartMED. Thailand	Jul, 2021
The 11th PPCR on rehabilitation advances in research and practice *(Poster presentation)*	Department of Rehabilitation Sciences, The Hong Kong Polytechnic University. Hong Kong	Nov, 2018
Attention and gait: Dual-task gait paradigms *(Short course)*	Department of Rehabilitation Sciences, The Hong Kong Polytechnic University. Hong Kong	Nov, 2018
Falls in older people: Risk factors and prevention strategies *(Poster presentation)*	Department of Physical Therapy, Faculty of Associated Medical Sciences, Chiang Mai University. Thailand	Feb, 2017

Physiotherapy Project Module *(Oral presentation)*	School of Health Sciences, Nanyang Polytechnic. Singapore	May, 2014

RESEARCH GRANTS

Principal Investigator (PI)

2024-2025 Challenging Fund by Faculty of Associated Medical Sciences, Chiang Mai University, Thailand.

'*Innovation in Tele-rehabilitation Development: Frailty Zero'*

100,000 Baht.

2024-2025 Research grant by Faculty of Associated Medical Sciences, Chiang Mai University, Thailand.

'*The development of a board game to enhance knowledge and physical fitness in pre-aging and aging populations with type 2 diabetes mellitus'*

100,000 Baht.

2022-2024 Research Grant for New Scholar (RGNS) by Office of the Permanent Secretary, Ministry of Higher Education, Science, Research and Innovation (OPSMHESI), Thailand Science Research and Innovation (TSRI).

'*Development and validation of a novel artificial intelligence-based assessment tool (the NeckSense app) for evaluating cervicocephalic kinesthetic sensibility impairment in individuals with neck pain'*

555,000 Baht.

2021-2022 Research grant by Faculty of Associated Medical Sciences, Chiang Mai University, Thailand.

'The influence of chronic neck pain on gait asymmetry and gait variability in older adults'

70,000 Baht.

Co-Investigator

2023-2024 Research grant by Faculty of Associated Medical Sciences, Chiang Mai University, Thailand.

'Comparison and correlation between cervical joint position sense, plantar foot vibration threshold and postural stability in patients with type 2 diabetes'

73,480 Baht.

2023-2024 Research grant by Faculty of Associated Medical Sciences, Chiang Mai University, Thailand.

'Alterations of axioscapular muscle thickness in patients with chronic nonspecific neck pain and scapular dyskinesis'

67,000 Baht.

2023-2024 Fundamental Fund (FF), Chiang Mai University.

'Alteration and restoration of brain morphology and neurochemistry in chronic nonspecific neck pain (continuing project)'

1,400,000 Baht.

2022-2023 Fundamental Fund (FF), Chiang Mai University.

'Alteration and restoration of brain morphology and neurochemistry in chronic nonspecific neck pain'

627,000 Baht.

RESEARCH INTERESTS

- Sensorimotor system, balance control, and gait assessment
- Innovations in health for assessment and management

- Physical therapy approach for neck pain
- Physical therapy approach for elderly

REVIEWERS

- Scientific Reports
- European Spine Journal
- BMC Musculoskeletal Disorders
- Musculoskeletal Science and Practice
- Journal of Associated Medical Sciences

PUBLICATION (peer-reviewed)

National Journal

1. **Sremakaew M**, Uthaikhup S.

   Balance impairment during standing and walking in individuals with cervicogenic headache.

   Thai Journal of Physical Therapy. 2559;2:71-80. (TCI 1)

International Journal

1. Aramsaengthien R, Sriburee S, **Sremakaew M,** Uthaikhup S.

   Investigation of axioscapular muscle thickness in individuals with neck pain with and without scapular dysfunction.

   Musculoskeletal science and practice. 2025; 77:103292. (ISI/Scopus)

2. Chaikla R, **Sremakaew M,** Saekho S, Kothan S, Uthaikhup S.

   Effects of manual therapy combined with therapeutic exercise on brain structure in patients with chronic nonspecific neck pain: A randomized controlled trial.

   Journal of pain. 2025; 29:105336. (ISI/Scopus)

3. **Sremakaew M,** Konghakote S, Uthaikhup S.

A cluster analysis of cervicocephalic kinesthetic sensibility in persons with nonspecific neck pain.

Physiotherapy theory and practice. 2024; 40:1952-1960. (ISI/Scopus)

4. Phapatarinan K, **Sremakaew M,** Uthaikhup S.

   Stimulated cervical afferent input increases postural instability in older people with chronic neck pain: a cross-sectional study.

   BMC Geriatrics. 2024; 24:153. (ISI/Scopus)

5. Uthaikhup S, **Sremakaew M,** Treleaven J, Jull G, Barbero M, Falla D, Cescon C.

   Changes in multiple aspects of pain outcomes after rehabilitation: analysis of pain data in a randomized controlled trial evaluating the effects of adding sensorimotor training to manual therapy and exercise for chronic neck pain.

   Clinical journal of pain. 2024;40:212-220. (ISI/Scopus)

6. Chaikla R, **Sremakaew M,** Kothan S, Saekho S, Wantanajittikul K, Uthaikhup S.

   Effects of manual therapy combined with therapeutic exercise versus routine physical therapy on brain biomarkers in patients with chronic non-specific neck pain in Thailand: A study protocol for a single-blinded randomised controlled trial.

   BMJ Open. 2023;24;13:e072624. (ISI/Scopus)

7. **Sremakaew M,** Jull G, Treleaven J, Uthaikhup S.

   Effectiveness of adding rehabilitation of cervical related sensorimotor control to manual therapy and exercise for neck pain: A randomized controlled trial.

   Musculoskeletal science and practice. 2023;63:102690. (ISI/Scopus)

8. Thongton J, Sriburee S, **Sremakaew M,** Uthaikhup S.

   Pain-side related difference in cross-sectional area of the longus colli muscle and its relationship with standing balance in persons with non-specific neck pain.

Musculoskeletal science and practice. 2022;62:102638. (ISI/Scopus)

9. Chaikla R, **Sremakaew M,** Uthaikhup S.

   Shoulder-abduction force steadiness in individuals with neck pain with scapular dyskinesis.

   Journal of associated medical sciences. 2022;55:31-37. (Scopus)

10. **Sremakaew M**, Treleaven J, Jull G, Vongvaivanichakul P, Uthaikhup S.

    Altered neuromuscular activity and postural stability during standing balance tasks in persons with non-specific neck pain.

    Journal of electromyography and kinesiology. 2021;61:102608. (ISI/Scopus)

11. **Sremakaew M,** Sungkarat S, Treleaven J, Uthaikhup S.

    Effects of tandem walk and cognitive and motor dual-tasks on gait speed in individuals with chronic idiopathic neck pain: a preliminary study.

    Physiotherapy theory and practice. 2021;37:1210-1216. (ISI/Scopus)

12. Uthaikhup S, Barbero M, Falla D, **Sremakaew M**, Tanrprawate S, Nudsasarn A.

    Profiling the extent and location of pain in migraine and cervicogenic headache: a cross-sectional single-site observational study.

    Pain medicine. 2020;21:3512-3521. (ISI/Scopus)

13. **Sremakaew M,** Jull G, Treleaven J, Barbero M, Falla D, Uthaikhup S.

    Effects of local treatment with and without sensorimotor and balance exercise in individuals with neck pain: protocol for a randomized controlled trial.

    BMC Musculoskeletal disorders. 2018;13;19:48. (ISI/Scopus)

14. **Sremakaew M,** Sungkarat S, Treleaven J, Uthaikhup S.

    Impaired standing balance in individuals with cervicogenic headache and migraine.

    Journal of oral and facial pain and headache. 2018;32:321-328. (ISI/Scopus)