

Curriculum Vitae



Name	Supanee Chounchay
Academic Position	Lecturer, Ph.D.
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Area of interest:

- Physical Therapy in Neurological condition and Pediatric: executive function, motor-cognitive training, balance training
- Role of neuroinflammation on neurogenesis after hypoxic-ischemic brain injury

Education

2017	Ph.D. (Neuroscience), Mahidol University
2010	M.S. (Movement and Exercise Sciences), Chiang Mai University
2007	B.S. (Physical Therapy), First class honors, Huachiew Chalermprakiet University

Professional Memberships

2024 - 2029	Physical Therapy Council, Thailand
2024 - 2029	Physical Therapy Association of Thailand

Research Scholarship and Award

2023 - 2025	Research grant from Huachiew Chalermprakiet University, Thailand Topic: Effect of balance training on executive functions in preschool children.
2019 - 2020	Research grant from Huachiew Chalermprakiet University, Thailand Topic: A study of the relationship among executive function, motor skills, and muscle strength in children aged 7 – 10 years.
2013 - 2020	The royal golden jubilee (RGJ) Ph.D. program scholarship, the Thailand Research Fund
2015 - 2017	Research scholar at MIND institute, University of California Davis, CA, USA
2012 - 2017	Staff development scholarship for Ph.D. program from Huachiew Chalermprakiet University, Thailand
2011 - 2016	Research grant from Huachiew Chalermprakiet University, Thailand Topic: The effect of exercise using a software program and rest breaks for reducing neck and shoulder pain in prolonged computer users.
2006	The royal golden jubilee (Kanchanapisek) award from Huachiew Chalermprakiet University, Thailand
2006	Gold medal award for first class honors from Huachiew Chalermprakiet University, Thailand

Experiences

2023 - Present	Deputy Dean, Faculty of Physical Therapy, Huachiew Chalermprakiet University
2012 - Present	Lecturer, Faculty of Physical Therapy, Huachiew Chalermprakiet University
26-27 Feb 2026	Speaker: Physical therapy management in stroke patients with cognitive impairment.
8-9 May 2024	Speaker: Comprehensive Physiotherapy in Stroke
13-14 Jan 2024	Speaker: Physical therapy management in stroke patients with cognitive impairment
1 Aug 2020 – 31 Jul 2023	Examiner: เจ้าหน้าที่สอบ สาขาวิชาชีพบริการสุขภาพ สาขาวิชาจัดการอุตสาหกรรม การแพทย์ครบทั่วไป อาชีพนักเคลื่อนย้ายผู้ป่วย, สถาบันคุณวุฒิวิชาชีพ (องค์การมหาชน) [Thailand Professional Qualification Institute (Public Organization)]
13-14 Jul 2023	Speaker: Physical therapy management in stroke patients with cognitive impairment
22-23 Jun 2023	Speaker: Physical therapy management in stroke patients with cognitive impairment
18-19 May 2023	Speaker: Cognition and Perception in Patients with Stroke
21-22 Jul 2022	Speaker: Physical therapy management in stroke patients: clinical practice points
26-27 May 2022	Speaker: Physical therapy management in stroke patients with cognitive impairment.
16-18 Jun 2021	Co-Speaker: Wheelchair skills for spinal cord injury
Sep – Dec 2018	Co-Speaker: PRM (passengers with reduced mobility) service training, Thai Air Asia, Thailand
2015 - 2017	Visiting Researcher, Medical Investigation of Neurodevelopmental Disorders (MIND) institute, University of California Davis, CA, USA
2008 - 2010	Physical Therapist, Rajanagarindra institute of child development, Department of mental health, Ministry of public health, Thailand

Publications

1. Chounchay S, Retsuk P, Mantam P, Seetha K, Arsadee W, Chanchuphon A, Nattida Pantub N, Wongphasuksathaporn S. The effects of motor-cognitive training on balance and working memory in young adult women with low physical activity: a randomized controlled trial. JAMS. 2026;59(2):125-133. Scopus Q4
2. Chounchay S, Assapun J, Ngowtrakul B, Saenphan W. Effects of 4-week balance training program on executive function in preschool children: A randomized controlled trial. Arch AHS. 2025;37(3):103-117. TCI1, ACI Database
3. Chounchay S, Chetpraphan P, Swasud B, Ridchan N, Kunka N, Maneerit N. Correlation between working memory and mental health of the senior physical therapy students during online learning in the Covid-19 situation. Journal of Health Sciences and Wellness. 2024;28(2):111-120. (in Thai), TCI1
4. Chounchay S, Assapun J, Saenphan W, Ngowtrakul B. The relationship between executive function and motor skills of school-aged children 7 – 10 years old. Thai J Phys Ther. 2023;45(2):112-123. (in Thai), TCI1
5. Chounchay S, Chutabhakdikul N. Effects of deferoxamine on the survival of the neuroblastoma SH-SY5Y cells and neuroimmune response in the BV-2 microglia cells. J Med Health Sci. 2020;27(3):100-111, TCI1
6. Chounchay S, Noctor SC, Chutabhakdikul N. Microglia enhances neural progenitor cells proliferation in the *in vitro* model of hypoxic-ischemic injury. EXCLI Journal. 2020;19:950-961. Scopus Q1
7. Weerapong P, Peabua W, Chounchay S. The effect of exercise using a software program and rest breaks for reducing neck and shoulder pain in prolonged computer users. APHEIT Journal. 2016;5(2):79-89 (in Thai), TCI2

8. Chounchay S, Sungkarat S, Silsupadol P. Impact of footwear styles on postural control ability of female elderly. Journal of gerontology and geriatric medicine. 2010;11(1): 25-35. TCI2

Poster/Oral presentation

1. สุภานี ชวนเชย, ปานิสรา การุณรักษ์, กิตติภรณ์ ฟองบัว, ศุภโชค วงศ์เกิด, สารลี บุญเจริญ, อาอีซีชีร์ มูหัมมัดซอ และ เกวลิน คำระทิก. ผลของการออกกำลังกายด้วยเกมฝึกกิจกรรมสองงาน ต่อความจำเพื่อใช้งานในนักศึกษาระดับปริญญาตรีที่มีพฤติกรรมเนื้อยนิ่ง: การศึกษานำร่อง. Proceeding of 12th National and International Conference: HCU. 31 กรกฎาคม 2568;82-91.

2. Oral presentation, RGJ-Ph.D. Congress 18 – Global sustainability: lesson learned from the Royal projects, June 8-10, 2017