RESEARCH GRANTS (2022-2026)

Taiwan National Science and Technology Council 2026 - 2028

- Principal Investigator, Return to Play Assessment Tool After Anterior Cruciate Ligament (ACL) Reconstruction: Evaluation, Prediction, and Validation (NT$ 1,489,000)

Taiwan Institute for Sports Science 2025

- Co-Principal Investigator, Establishing Guidelines of Exercise Prescription and Fatigue Recovery Strategies for Female Athletes Based on Menstrual Cycle (NT$ 3,114,470)

Taiwan National Science and Technology Council 2024 - 2026

- Principal Investigator, Comparing neuromuscular training strategies for prevention of hamstring muscle injuries: A three-arm, cluster-randomized controlled trial (NT$ 1,560,000)

Taiwan Institute for Sports Science 2024

- Principal Investigator, Screening and Treatment for Relative Energy Deficiency in Sport (REDs) Through Web-Based App Development and Clinical Prediction (NT$ 1,707,306)

Taiwan National Science and Technology Council 2023 - 2024

- Principal Investigator, Movement screening and modification in elite women's soccer players with impaired hip function (NT$ 723,000)

Taiwan National Science and Technology Council 2023 - 2024

- Co-Principal Investigator, Developing an artificial intelligence-enabled smart phone application to remove in-house fall hazards for older adults (NT$ 800,000)

Chang Gung Medical Research Program 2022 - 2024

- Co-Principal Investigator, A retrospective survey of sports injuries/illness and musculoskeletal risk factors among young student-athletes in Taiwan (NT$ 1,639,010)

Taiwan National Science and Technology Council 2022 - 2023

- Principal Investigator, The Women's Soccer and Basketball Health Study: From Head to Toe (NT$ 775,000)

PUBLICATIONS (2022-2026)

1) Law KL, de Mille P, Prather H, Skolnik H, Chiaia TA, Lewis CL, Casey E, Hannafin JA, **Ling DI*** (2026) Surgical Profiles of Elite Female Athletes and Their Association with Long-Term Musculoskeletal Health: Findings From The Women's Soccer Health Study. *Med Sci Sports Exerc* (In Press)

2) Lo YT, Chuang TJ, Ku LJ, **Ling DI**, Wang JJ, Yang YC, Li CY (2026) Diagnosis-based disparities in place of death among older adults and the roles of specialist palliative versus generalist home care: A nationwide population-based study in Taiwan. *Int J Health Policy Manag* 15:9727.

3) Lo YT, Huang IN, Ku LJE, **Ling DI**, Wang JJ, Yang YC, Li CY (2026) Dementia Ascertainment Source and Place-of-Death Estimates in Taiwan: A Nationwide Linkage Study. *Ann Epidemiol* 123:110269.

4) Law KL, de Mille P, Prather H, Skolnik H, Chiaia TA, Lewis CL, Casey E, Hannafin JA, **Ling DI*** (2026) Factors Associated with Career Longevity and Satisfaction: Findings From The Women's Soccer/Football Health Study. *Sci Med Football* 10(3):401-409.

5) Lin YJ, Chen YJ, **Ling DI**, Fang JR, Wu JY, Lo YT (2026) Effectiveness of advance care planning for end-of-life outcomes in nursing home residents with dementia: A systematic review and meta-analysis. *J Am Med Dir Assoc* 27(1):105974.

6) **Ling DI**, Hannafin JA, Prather H, Skolnik H, Vanderkruik R, Chiaia TA, de Mille P, Lewis CL, Casey E (2025) EQUAL PAY, EQUAL HEALTH: Player Voices from The Women's Soccer Health Study. *Journal of Women's Sports Medicine* 5(13):35-37.

7) Huang YH, Tai TW, Hsu SH, **Ling DI**, Wang JD, Ku LE (2025) The cost-effectiveness of different generations ceramic-on-ceramic implants in primary total hip arthroplasty: a matched population-based study. *BMC Health Serv Res* 26(1):62.

8) Kew ME, Dave U, Marmor W, Olsen R, Jivanelli B, Tsai SHL, Kuo LT, **Ling DI*** (2025) Sex Differences in Mental Health Symptoms in Elite Athletes: A Systematic Review and Meta-Analysis. *Sports Health* 17(4):732-743.

9) Chang CL, Wu SY, **Ling DI***, Tsai CL* (2025) The effect of exercise interventions on executive function in individuals with Parkinson's disease: A meta-analysis of main and moderator effects. *Biological Psychology* 199:109061.

10) Tang HC, **Ling DI**, Hsu SH, Chuang CA, Hsu KL, Ku LJ (2025) The incidence of conversion to hip arthroplasty after core decompression: a 10-year nationwide population-based study. *Bone and Joint J* 107-B(3):308-313.

11) Kuo LT, Tsai SHL, Dave U, Marmor W, Olsen R, Jivanelli B, Kew ME, **Ling DI*** (2025) Exploring Mental Health Symptoms in Elite Athletes During the COVID-19 Pandemic: A Systematic Review and Meta-Analysis on Sex Differences. *PLoS One* 20(1): e0314996.

12) Hsu J, **Ling DI**, Schneider B, Boyle C, Janosky J, Pearle A, Kinderknecht J, Marx RG (2024) Independent data collectors decrease bias in the measurement of adherence to ACL injury prevention programs. *J ISAKOS* 9(3):309-313.

13) Ammerman BM, Dennis ER, **Ling D**, Hannafin JA (2024) Ultrasound-Guided Glenohumeral Corticosteroid Injection for the Treatment of Adhesive Capsulitis of the Shoulder: Role of Clinical Stage in Response to Treatment. *Sports Health* 16(3):333-339.

14) Yates BA, Janosky J, Ologhobo T, Russomano J, **Ling DI**, Kinderknecht JJ, Schoenthaler AM, Marx RG (2024) Evaluation of a Coach-Centered Youth ACL Injury Risk Reduction Workshop Using RE-AIM Sports Setting Framework. *Exercise, Sport, and Movement* 2(1):1-6.

15) **Ling DI**, Hannafin JA, Prather H, Skolnik H, Chiaia TA, de Mille P, Lewis CL, Casey E (2023) The Women's Soccer Health Study: From Head to Toe. *Sports Med* 53(10):2001-2010.

16) Kerluku J, Wessel L, Adamec D, **Ling D**, Nguyen J, Felix KJ, Sutton K, Fufa DT (2023) Assessing Gender Differences in Technical Skills and Confidence in Orthopaedic Surgery Residency Applicants. *J Am Acad Orthop Surg Glob Res Rev* 7(7):e22.00265.

17) **Ling DI**, Janosky J, Schneider B, Russomano J, Boyle C, Kinderknecht J, Marx RG (2023) A Controlled Trial of the Effects of Neuromuscular Training on Physical Performance in Male and Female High School Athletes. *Sports Health* 15(3):386-396.

18) Halvorsen KC, Marx RG, Wolfe I, Jivanelli B, Pearle AD, **Ling DI*** (2023) Higher adherence to ACL injury prevention programs is associated with lower ACL injury rates: A meta-analysis and meta-regression. *HSS J* 19(2):154-162.

19) Marmor WA, McElheny KD, Lingor RJ, Shetty T, Lin E, Casey E, **Ling DI*** (2023) Disparities in Concussion Diagnoses Compared to Ankle Injuries. *PM R* 15(3):325-330.

20) Dave U, Shetty T, Emami K, Jivanelli B, Cheng J, **Ling DI*** (2022) A Systematic Review and Meta-Analysis of Sex-Based Differences in Recurrent Concussion Incidence Across Sports. *Journal of Women's Sports Medicine* 2(4):95-107.

21) Marmor WA, Schneider B, Ode GE, Gulotta LV, **Ling DI** (2022) The Association of Cormorbidity Indices and Minimal Clinically Important Difference in a Population Undergoing Shoulder Arthroplasty. *JSES Seminars in Arthroplasty* 32(2):428-435.

22) Schneider B, Dave U, Finocchiaro A, Dines J, Gulotta, **Ling DI*** (2022) Manual Follow-Up of Patients Does Not Add Value to Automated Methods in a Shoulder Arthroplasty Registry. *JSES Seminars in Arthroplasty* 32(3):545-549.

23) **Ling DI**, Boyle C, Schneider B, Janosky J, Kinderknecht J, Marx RG (2022) Coach education improves adherence with ACL injury prevention programs: A cluster-randomized controlled trial. *Clin J Sport Med* 32(4):348-354.

24) Dave U, Kinderknecht J, Cheng J, Santiago K, Jivanelli B, **Ling DI*** (2022) Systematic review and meta-analysis of sex-based differences for concussion incidence in soccer. *Phys Sportsmed* 50(1):11-19.

25) Ammerman B, **Ling D**, Cheng J, Casey E (2022) Type of Oral Contraceptive Pills in Patients with Complete ACL Tears: A Retrospective Study. *Penn State Journal of Medicine* 2:1-6.