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研究領域

青少年及家庭健康、糖尿病衛教、統合分析、大數據分析

教學

人類發展學及實驗、兒科護理學及實習、原鄉兒少健康議題、兒童與青少年健康議題、高級婦女兒童健康護理學及實習、獨立研究、醫療專業之團隊協作

近五年研究計畫

- 原鄉兒少肥胖脂肪肝防治健康介入與糖尿病足健康促進培育計畫 (計畫主持人，教育部大學社會責任計畫，2025-2027)
- 初階臨床體驗課程對於醫護學生專業認同的影響--以探索原住民部落巡迴醫療為例 (計畫主持人，國科會計畫，2024-2026)
- [心肝寶貝]健康科技介入於偏鄉兒童青少年之實踐計畫--創新擴散理論的應用 (計畫主持人，長庚醫學研究計畫補助，2023-2025)
- 建構與測試智慧型糖尿病足傷口管理系統--機器學習之結合 (計畫主持人，長庚醫學研究計畫補助，2022-2023)
- 教學實踐計畫：設計思考實作運用於大學社會責任實踐研究於原鄉兒童與青少年健康 (計畫主持人，教育部研究計畫，2022-2024)
- 結合機器學習與統計於糖尿病患者疲憊、睡眠與生活型態對嚴重合併症發生之預測模型建構 (計畫主持人，國科會計畫，2020-2021)
- 「足智多謀」--建構與測試糖尿病足智慧型傷口監督管理系統之成效 (計畫主持人，國科會計畫，2019-2021)

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