

出國報告（出國類別：參加學術會議）

第 29 屆國際護理研究大會
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服務機關：國防醫學院護理學系

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摘要

第一天的早上完成報到後，我們集合大家把帶去的小國旗與際榮譽護理學會台灣分會的會旗分發給大家，於報到大廳等候開幕典禮時，除與其他國家的學者互動之外，就是邀請大會 STTI 的理事長 Beth Baldwin Tigges 及 CEO Elizabeth Madigan 與其他國學者合照，理事長 Beth Baldwin Tigges 及 CEO Elizabeth Madigan 對臺灣護理同仁積極參與國際會議與組織深表感動。

與這次的大會，期望除了分享自己在護理研究、教育、臨床實務的成果與經驗之外，還能汲取其他學者教育、臨床實務的研究經驗，並了解最新的護理研究趨勢，朝向更高品質的護理標準而努力，使國內護理研究的發展能趕上國際的水準，以改善國人的健康，同時也讓自己的研究能在國際的舞台呈現，並與國際學者及臨床人員交流，有助於增進全球健康與全球之社會的福祉。參加此會議對單位之貢獻：

- 一、研究成果口頭報告或海報展示皆能為本校建立國際聲譽，提昇本學院在國際的知名度。
- 二、與國際學者互相交流，交換意見，分享彼此的研究成果，建立本國於全球國家之國際之地位。
- 三、能將在會議中所習得之相關知識與技能應用在護理課程教學上。
- 四、從聆聽別人的研究報告中學習別人的研究經驗與技能，有助於啟發自己的研究潛能，發展更科學化的研究計劃，提昇自己的研究能力。
- 五、參與這次的國際會議，也讓我學到舉辦一個國際研討會該如何安排才能促進與會人員的參與性及學習成效。未來本學系若有機會辦理國際研討會，亦可仿效此次的會議安排。
- 六、此次研討會主題新穎創新，也激發個人在教導大學部學生或碩博士班學生時能應用於實際的教學實務中

(第三屆亞洲護理教育大會)

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壹、會議緣起

個人非常榮幸能獲得科技部的補助能參與由國際榮譽護理學會舉辦的第 29 屆國際護理研究會議，這次會議於澳洲墨爾本舉行，來自五十幾個國家，大約有 800 多位護理人員及研究者及學生及臨床人員及領導者參與此次的盛會；此次台灣共有約一百三十五位自各大醫學中心及學校之護理同仁參加此次的會議，是僅次於美國與會第二多的國家。國際榮譽護理學會有 500 個分會是國際第二大護理組織。此次會議主要主題是：「藉由以研究及實證為基礎的實務，目標是要去探討創新性的研究，及以實證為基礎的實務策略來改善全球的健康」，會議主題回應了 500 多個報告及研討會，這些將響我們的專業及個人生活。整個大會希望參與者能享受到積極的支持和鼓勵。我們期待與參與者都能分享這經驗，參與者並盡可能與人面談和交流。大會特別在午餐實依照研究及實務專長而區分桌次，以便參與者能有更多交流互動。

這是我第二次參加 STTI 舉辦的護理研究研討會，非常的有水準及具有品質的研討會。此次，我們還是由國際榮譽護理學會台灣分會組團同行約 50 位會員及家屬(其他語會者則是自行前往或各自組團)，學會所組的團是身負國家重任的，我們設置攤位，展示台灣的宣傳品及特色，讓大家認識台灣，紫色的桌布及攤位的背景布幕都呈現台灣的字眼，非常亮眼及引人注目，學會也準備七十支小國旗及小會旗讓我們攜帶出國，大家互相支持及協助，發揮團結一致的精神，合力搬運這些宣傳品及布置攤位的海報及布幕及小禮物及國旗，完成了最艱鉅的任務。與會會員大家利用空檔輪流排班照顧攤位，服務蒞臨攤位的國內外貴賓，除了發表研究成果之外，大家努力一起為國爭光，讓世界看見台灣，也讓世界認識台灣。這是附加的出國參加國際會議所得到的價值。

貳、參加目的

參加此次會議的主要目的是：(1)藉由護理教育研討會，增進全球國家護理學者的學術交流與互動；(2)了解其他國家研究的趨勢與進展；(3)展現並分享自己的研究成果；(4)與其他研究領域學者互動交流，增進研究的視野；(5)認識國

際護理教育研究的重要議題；(6)提升中華民國及國防醫學院在國際的能見度；(7)學習與其他國家研究者合作，增進研究視野與結果應用。

參、會議過程

第一天的早上完成報到後，我們集合大家把帶去的小國旗與國際榮譽護理學會台灣分會的會旗分發給大家，於報到大廳等候開幕典禮時，除與其他國家的學者互動之外，就是邀請大會 STTI 的理事長 Beth Baldwin Tigges 及 CEO Elizabeth Madigan 與其他國學者合照，理事長 Beth Baldwin Tigges 及 CEO Elizabeth Madigan 對臺灣護理同仁積極參與國際會議與組織深表感動，接著便是精采的開幕典禮，我們集中坐在第五至八排，大會的開始，當主持人一一歡迎五十幾個與會的國家，在歡迎 Taiwan 時，我們共同的搖著事先準備好的國旗與會旗歡呼，讓與會的其他國家代表們能清楚的看見台灣，我們用很自然的方式讓其他國家的國家代表們看見臺灣，讓我們的國旗能在國際的舞台上飄揚，所有與會的台灣護理同仁都非常的激動，尤其這些年來很多的學術領域也逐漸的被政治化，很多國際學術機構也受到中國的壓力，而禁止臺灣的國旗入國際會議的會場，不承認台灣的存在，而讓與會的同仁非常難過，我個人身為國際榮譽護理學會中華民國台灣分會的理事長深深感謝國際榮譽護理學會的重視學術，這個學會並沒有被政治化，也沒有種族的歧視，國際榮譽護理學會創造了充滿愛與榮譽的學術空間。大家只要努力就可以站上這個學術的舞台，非常的公平。讓我感覺值得成為這個國際護理組織的會員也深感榮耀。

大會開幕首先由 Victoria Chief Nurse and Midwifery officer Ann Maree Keenan 致歡迎詞，歡迎大家來到墨爾本，並強調創新研究及以實證為基礎實務的重要。接著是由 Debra Thoms 教授主講「Of Kangaroos, Koalas and Platypi」，介紹澳洲的醫療照護制度的歷史演進與挑戰及健康服務與發展決策，澳洲的照護特色及如何改善健康與健康服務與促進全球之健康。

接下來聽了好幾場演講都受益良多，中風是造成死亡及殘障的主要原因，因為神經系統疾病限制了一個人的身體功能特別是他們的日常生活活動的獨立

性，中風的病人 10%可以完全恢復，25%復原但有小小的後遺症，40%出現中度及重度的殘障須特殊的追蹤，10%需長期治療。早期復健早期恢復損傷。早期中風的復健照護可預防中風病人功能的衰退。一天兩次的復健照護方案，每次三十至四十分鐘有助於病人的疾病之恢復。

此外，早期受虐待的人較易受導致內皮細胞功能不良，這是心血管疾病的前驅，研究顯示許多退修軍人兒童時代有較高的機會受虐待，因此可能會有較高的心臟血管疾病的風險，可溶解的細胞黏附 (Soluble vascular cellular adhesion molecule, sVCAM-1)在發展動脈血管硬化上扮演著重要的角色。會促進分子發炎分子在內皮移動，而導致發炎反應。

研究證據顯示血中高濃度的 sVCAM-1 與內皮細胞功能不良有強烈的有相關性，有較高的危險性罹患心臟血管疾病。故執行研究。探討早期的兒童受虐程度與退修女軍人之血中的 sVCAM-1 濃度之相關性。本研究共有 109 位退修女軍人參與填寫兒同時期創傷問卷，評估早期的生命逆境對其血中之 sVCAM-1 濃度的相關性。研究結果顯示，兒童時虐待程度愈高，血中濃度的 sVCAM-1 就愈高。退修女軍人經歷愈高的兒童時期虐待就與內皮細胞的功能不良的生物指標有關。退修女軍人經歷早期的兒童虐待與 sVCAM-1 濃度都是重要的生物指標。

目前已有七種課程，有核心課程、老人緩和照護、兒童緩和照護、重症緩和照護、進階護理緩和照護、大學部學生緩和照護、腫瘤進階護理緩和照護等，目前已翻譯了十個國家的語言，共有 22,600 位訓練者，同時他們也回到各區訓練了約 678,000 位護理師。共同這個訓練強調在生命的末期能提高生命的品質及尊重個人的偏好。主要強調的照護概念是：(1)提供以人即以家庭為中心的護理；(2)促進臨床人員與病人之間的溝通並推展護理計劃；(3)提供跨專業的教育和發展；(4)制定政策和支付系統；(5)鼓勵公眾教育和參與。ELNEC 的緩和照護教學模組包括：module 1：緩和照護；module 2：疼痛處理；module 3：症狀處理；module 4：倫理及法律問題；module 5：文化考量；module 6：溝通；module 7：失落、哀傷與喪親之慟；module 8：生命最後的時刻。這八個模組的主要議題是家庭是照護的單位、護理人員的重要倡導角色、尊重文化的重要性、關注特殊人

群、臨終問題影響所有護理系統、財務問題影響臨終關懷、跨學門的護理是必要的。每個模組都會有簡介、目標、學習者大綱、授課主題之 power point、案例報告、參考資料及補充教材。教育是件偉大的事業。尤其是教導他們護理學生或護理師如何提供緩和照護，而這也是我國人最需要的。接受訓練個人收穫及成長很多，又能具有這些教學資料與教材，深感受益良多，也極願意教導及分享給學生及護理師。如果你想建造一艘船，不要鼓勵人們去採集木材，不要只去劃分工作，並下達命令。相反，教他們嚮往浩瀚無邊的大海。

第二天的演講有個研究報導與母親的心理健康及行為健康的賀爾蒙的生物指標，與極低重兒是有關的。母親的心理健康與嬰兒健康與發展是有相關聯的。大約有 13 - 19% 的母親會經歷到產後的心理健康問題，包括 18% 的產後焦慮症狀升高和 19-35% 的抑鬱症狀升高，這對產婦健康和嬰兒發展產生不利影響 (O'Hara & McCabe, 2013)。產後心理健康問題通常發生在出生後 4 週內，對於有這些問題的母親來說，前 6 個月是特別困難的時期 (O'Hara & McCabe, 2013)。此外，出生結果為負的嬰兒的母親，例如非常早產 (胎齡 < 32 週) 和極低出生體重 (VLBW, 出生體重 < 1,500 gm)，報告顯示他們的心理健康問題比正常出生體重足月嬰兒的母親還多。準確評估孕產婦健康問題對於母親及其嬰兒的幫助非常重要，因為孕產婦健康問題會對嬰兒的發育產生不利影響。通常使用自我報告問卷來評估心理健康，這可能會高估或低估問題 (Gao 等, 2015)。使用自我報告問卷以及激素生物標指標 (如：睾酮和皮質醇) 可以提供比僅使用問卷調查的報告更客觀的研究探討。在許多因素中，目前已知身體活動和健康飲食等健康行為可以減輕心理健康問題 (Hartman, Hosper, & Stronks, 2011)，因此，如果母親參與健康行為，可以改善產後心理健康。因此，本研究的目的是檢驗 (1) 母體社會人口學特徵是否與母體激素生物標指標 (如：睾酮和皮質醇)，孕產婦心理健康和健康行為有關，(2) 母體激素生物標指標與母親的心理健康和健康行為，(3) 隨著 VLBW 嬰兒年齡的增長，母親的心理健康和健康行為得到改善；(4) 當母親從事更健康的行為時，母親的心理健康得到改善。這個研究共招募 40 名 VLBW 嬰兒的母親從美國東南部的三級醫療中心的新生兒加護中心 (NICU)。通

過醫療記錄審查，母親訪談，標準化的問卷和生化測量收集資料。使用流行病學研究憂鬱量表 (CES-D) 測量產婦心理健康狀況 4 至 5 次 (於出生時間，受孕後週齡 (PMA) 40 周，嬰兒矯正年齡 6, 12 和 24 個月時測量)，焦慮指數 (STAI / SF)，感受性壓力量表 (PSS-10)，及 12 項健康調查表 (SF-12) 和育兒壓力指數 (PSI-4)。使用改良的生活方式指數問卷 (LIQ) 測量健康行為 4 次。使用酶免疫測定 (EIA) 在 5 個時間段測量唾液辜酮和皮質醇的濃度。研究結果顯示年輕，已婚，非白人；且醫療併發症較少者；和私人醫療保險與更好的孕產婦心理健康有關。母親唾液辜酮和皮質醇的濃度在 5 個時間點內保持不變，並且彼此之間沒有相關性，除了 PMA 40 週時的辜酮濃度和 12 個月時皮質醇的濃度 ($r = -.344, p = .046$) 以及 40 週 PMA 和 24 個月時辜酮 ($r = -.490, p = .008$) 的皮質醇濃度則呈負相關。PMA 40 週後，辜酮濃度與母親的心理健康呈正相關，而皮質醇濃度與任何母體健康無關。例如，高辜酮濃度與出生時和 40 週 PMA 時的母親心理健康狀況不佳有關，但與 24 個月時父母的壓力則相關性較小。在 12 個月和 24 個月時，辜酮和皮質醇濃度與母親的健康行為呈負相關，因此，辜酮和皮質醇濃度高的母親比其他母親更少享受健康的食物和體力活動。

第三天首先是展示研究海報「非營養吸吮,口服母乳,及寧握在減輕早產兒扎血時的疼痛：一個前瞻性的隨機實驗控制」，張貼好海報與閱讀其他研究者的海報，其他研究者也來看我的海報，並與我們討論與交流，也提供我一些未來研究的建議。我們很認真製做海報，結果的呈現也非常符合學術的水準，並彰顯台灣的研究水準。

接著便是去聆聽的演講有個學者成功的生產經驗不僅使女性產生成就感，更能獲得良好的自我概念及成就日後母親角色的能力。生產時的護理支持及控制是影響生產滿意經驗的重要因素，婦女的生產控制感與產時疼痛緩解具顯著相關，如果產婦本身對生產時的控制期待與經驗無一致性時，將降低其生產經驗滿意度。護理人員在產婦待產期間所提供的非藥物措施，可增加產婦調適的能力，使產婦擁有正向而滿意的生產經驗。研究目的將生產支持及控制量表(Support and Control in Birth, SCIB)中文化及進行中文版量表的信效度檢定。收案條件為自然

產後的婦女，收案時間為產後 48 小時內，共 252 位產後婦女納入研究。研究採用 Jones 等人於 2001 修正 Brislin 的翻譯模式，將英文版雙向翻譯成中文，運用填寫問卷方式，收案條件為自然產後的婦女。研究結果顯示中文版 SCIB 的信度為 0.81，再測信度為 0.96。以生產經驗量表檢測中文版 SCIB 之效標關聯效度，結果發現兩者間具顯著相關($r = .31, p < .01$)，中文版生產支持及控制量表(SCIB) 中的各層面如內在控制($r = .15, p < .05$)、外在控制($r = .30, p < .01$)、支持部份($r = .21, p < .01$)皆與生產經驗量表呈顯著低度相關。以布氏分娩支持適應量表及生產控制量表檢定中文版生產支持及控制量表(SCIB)的同時效度，結果顯示布氏分娩支持適應量表與支持層面呈顯著中度相關($r = .50, p < .01$)；生產控制量表與內在控制層面

($r = .44, p < .01$)、外在控制層面($r = .30, p < .01$)皆呈顯著中低度相關。本研究結果，中文版生產支持及控制量表(SCIB)為一有具良好信效度的量表，可作為未來相關研究使用。接著便是 2018 International Nurse Researcher Honorees 頒獎的時刻，台灣是由台北學大學護理學院的周桂如教授榮獲此項榮耀，大家都前來觀禮並且聆聽來自各州及各國的得獎者分享其研究經驗及學術生涯成長的過程。下午便是各個得獎者的演講，從大師身上學習如何成為一位護理科學家。另外我還聽了一場全球未來的健康護理的願景，由 Elizabeth Iron, Gween Sherwood & Beth Baldwin Tigges 所主講，提到藉由提升個人檔案資料，及全球護理健康狀態，以改善全球的健康。影響政策決定者支持護理自己去領導學習，及發展全球健康運動。賦權護理人員去解決二十一世紀所面臨的健康挑戰，擴大護理的潛力。是當派遣護理人員，重視他們參與政策與決策。以達永續發展的健康目標：better health, greater gender equality, & stronger economics。由此可見性別平等照護的重要性。

第四天聆聽的重要演講是抒壓介入措施的成效探討：以正念的介入可能是支持高血壓病人者自我管理的治療方法之一。根據 Jon Kabat-Zinn 的觀點，正念意味著以一種特定的方式關注：有目的地，在當下，並且是非判斷性的。因此，需要評估一種互補的行為治療，即正念減壓 (MBSR) 方案，以評估此介入再降低血壓的潛力。正念減壓 (MBSR) 是否可以降低高血壓和高血壓前期患者的收

縮壓和舒張壓？對隨機對照試驗進行了系統的文獻回顧，報告了 MBSR 計劃對高血壓或高血壓前期成人的收縮壓和舒張壓的有效性，在 2012 年至 2017 年期間以英語或西班牙語發表。搜索了五個數據庫（PubMed, EMBASE, Web）科學，Psych INFO 和 Cochrane 圖書館。大多數研究發現，與控制組相比，介入組的收縮壓和舒張壓降低更多，但這種降低僅在臨床上觀察到，而不是在動態血壓中觀察到。此外，在組內分析表明，MBSR 計劃從試驗前到試驗後降低介入組的血壓，這些降低可能具有臨床相的意義。儘管有限的證據，基於正念的減壓計劃對高血壓前期和高血壓患者的血壓的有效性的初步結果表明，這種介入可能是一種有前瞻性的行為補充療法，以幫助血壓升高的人通過血壓降低血壓改變他們的生活方式。更多的研究不僅需要確定基於正念的減壓計劃對血壓的有效性，還需要探索該項介入的影響血壓的機制。

會議的第五天我海報展示(Non-Nutritive Sucking, Oral Breast Milk, and Facilitated Tucking Relieve Preterm Infant Pain During Heel-Stick Procedures: A Randomized Controlled Trial, 「非營養吸吮,口服母乳,及寧握在減輕早產兒扎血時的疼痛：一個前瞻性的隨機實驗控制」), 並聆聽的重要演講新生兒重症監護病房早產兒組織損傷照護處置 (TDPs), 例如膠帶移除或足跟噴槍增加缺氧和氧化應激的血漿標誌物。為了確定這些變化是否在尿液中是可檢測的, 我們測量了來自 62 個早產新生兒在出生 1-4 天中預期收集的尿液樣本中生物指標的濃度。第 1 天的樣本量為 8, 第 2 天為 37, 第 3 天為 52, 第 4 天為 17。由於第 1 天的尿量減少以及第 4 天的許多樣本中存在糞便, 樣本量變化。使用酶聯免疫吸附試驗測定腸道脂肪酸結合蛋白 (腸道損傷的早期標誌物)。組織損傷照護處置的數量是由查核醫療記錄取得。使用 Spearman's rho (SPSS 版本 24) 分析數據, 並且 P 值小於 0.05 被認為是統計學顯著的。如前所述, 使用高效液相色譜法測量尿酸 (缺氧的尿生物指標)。尿囊素 (氧化應激尿使用酶聯免疫吸附試驗測定腸道脂肪酸結合蛋白 (腸道損傷的早期生物指標)。在組織損傷照護處置的數量與缺氧, 氧化應激和早期腸損傷的生物指標之間檢測有顯著的正相關。這些資料顯示, 必須修改 NICU 護理活動, 以防止或減少早產兒暴露於疼痛和組織損傷照護處置的次

數。未來的研究需要確定氧化應激和早期腸損傷的生物指標是否與壞死性小腸結腸炎的發病率相關？未來的研究需要確定氧化應激和早期腸損傷的生物指標是否與壞死性小腸結腸炎的發病率相關？有待持續探討)。今天是為期五天的研討會在我的報告之後落幕了。大家在互留名片後說 2019 加拿大 Calgary 見。

肆、會議心得：

連續五天的會議我有很多的學習與感動。尤其是第一天到的開幕典禮，我們以最自然的方式讓國旗飄揚於大會的前排，並且讓大約五十多國家看見台灣，這一幕真是令人感動，其他國家看見我們如此團結，都發出讚揚之聲。尤其台灣這麼小，要讓世界看見台灣是不容易的事。而我們卻能做到，真是不易。更深體會這個學會強調愛及平等，沒有種族的歧視，沒有不同國家的差別待遇。此外，這次我們也擺設了攤位，國際榮譽護理學會台灣分會特別設計紫色背景及台灣地圖的形狀來布置攤位，讓整個攤位非常亮眼。也讓台灣在此次大會非常醒目。再加上台灣的文宣品，簡直非常吸引人，有外賓問未來大會有機會在台灣辦嗎？台灣是個好地方，他們希望有機會來？顯這次會議我們附帶的也做了國民外交，真是太開心，也太充實，也太有價值了。

此次會議，大會頒給台灣兩項研究獎(2018 international Nurse Researcher Hall of Fame award & 2018 Emerging Nurse Researcher award)及兩個博士生獎學金(29th STTI Edit Anderson leader Grant)，真是值得驕傲也給台灣的學者及學生很多的鼓勵，更感動的是總會對我們的支持。

這次大會的主題非常強調實證轉譯，及研究、教育、臨床實務間的連結。這也顯示這個學會的重視護理研究、護理教育及臨床實務及護理領導者與教學者的培訓與成長。此次大會不論是海報或口頭報告皆努力實現國際榮譽護理學會的願景與使命提供研究、教育、臨床實務的領導與學術增進全球民眾的健康目標。同時也彰顯出國際榮譽護理學會對會員護理專業發展及學習的支持，及國際榮譽護理學會努力改善全球護理照護及護理教育及研究品質的目標。這是值得我們學習的使命與責任。這個大會也愛護地球，減少紙張的列印，所有大會的資料，全部

放在網頁中提供給與會者參考。這也是值得我們學習的。

伍、回單位後報告情形：

我個人於八月的系務會議中分享與會之心得與感想，分享此會議的經驗與收獲，頗受其他同仁感動。同時與單位同仁互勉發展護理教育相關研究、撰寫論著、參加國際會議，可能的話建立跨國的研究，以維持自己從事研究的潛力。期望除了分享自己研究的成果與經驗之外，還能汲取其他學者的研究經驗，並了解最新的研究趨勢，朝向更高品質的研究標準而努力，使國內研究的發展能趕上國際的水準，以改善國人的健康，增進社會的福祉。

陸、建議事項

與這次的大會，期望除了分享自己在護理研究、教育、臨床實務的成果與經驗之外，還能汲取其他學者教育、臨床實務的研究經驗，並了解最新的護理研究趨勢，朝向更高品質的護理標準而努力，使國內護理研究的發展能趕上國際的水準，以改善國人的健康，同時也讓自己的研究能在國際的舞台呈現，並與國際學者及臨床人員交流，有助於增進全球健康與全球之社會的福祉。尤其護理人員在全球健康促進上扮演著重要角色，國際護理研究在積極蓬勃的發展之中，各個國家皆有一群人致力於護理研究的發展、教學與實務，我們若不積極趕上其他國家的進度，將落後於他們之後，尤其別的國家碩博士生及大學護理系學生都積極參與，就己能發表系統性文獻查證的口頭報告，而我國的學生則大多以博士生為多，此次大會我指導兩位碩士班學生參與發表他們正在執行的碩士論文，很慶幸他們也被錄取，而此次大會也安排好幾場演講有關文章發表與投稿，如何撰寫研究計畫，對學生及新新學者都非常有幫助，在年輕的時候就得著這些學生，擴展他們的國際視野，也認識國際重要的健康議題，及全球永續發展與經營的健康照護目標，故個人建議：

1. 積極發展「護理研究」的知識與實證融入各科護理專業實務及教學中。

2. 國內應培育新的護理新秀走入「護理研究、教育、臨床實務」的領域，承擔建構知識及轉譯「護理研究」的重大責任。
3. 積極鼓勵發展「護理」相關研究，並整合以生物心理社會的結果變項，並發展心理社會介入措施，提升病人之照護品質，改善臨床的病人與家屬的結果。
4. 指導護理同仁發展論文朝向「護理」相關研究發展，鼓勵本學院學生護理同仁及積極參與此研討會。
5. 努力表現「護理的成就」，讓其他學科能看見護理專業的重要，配合 Nursing Now 的重要目標與願景，持續努力。
6. 少紙化，未來研討會建議將會議資料傳至手機或網頁上，減少紙本作業。
7. 爾後，應積極鼓勵學生及新進同仁參與這個研討會，也建議各個學校及政服機關能多多給於支持和鼓勵。
8. 附帶的建議是未來大會，建議持續維持攤位的擺設，除了增進我國之國際能見度外，這次攤位的展示讓我們學習很多，見持續設置，也希望能得到各個學校及政服機關能多多給於支持。

柒、參加此會議對單位之貢獻

- 一、研究成果口頭報告或海報展示皆能為本校建立國際聲譽，提昇本學院在國際的知名度。
- 二、與國際學者互相交流，交換意見，分享彼此的研究成果，建立本國於全球國家之國際之地位。
- 三、能將在會議中所習得之相關知識與技能應用在護理課程教學上。
- 四、從聆聽別人的研究報告中學習別人的研究經驗與技能，有助於啟發自己的研究潛能，發展更科學化的研究計劃，提昇自己的研究能力。
- 五、參與這次的國際會議，也讓我學到舉辦一個國際研討會該如何安排才能促進與會人員的參與性及學習成效。未來本學系若有機會辦理國際研討會，亦可仿效此次的會議安排。

六、此次研討會主題新穎創新，也激發個人在教導大學部學生或碩博士班學生時能應用於實際的教學實務中。

捌、附件資料

附件一

出國參加會議日程表及議程表

國軍軍醫人員出國參加學術會議每日行程表			
出國人員 單 位	國防醫學院護理學系	級 職	教授 姓名 廖珍娟
會議名稱	第 29 屆國際護理研究大會	會議地點	澳大利亞墨爾本
Email	jiuanliaw@gmail.com	手機	0912559827
日 數	日 期	行 程 內 容 (詳述航空公司班次時間、會議行程、論文展示等)	備 考
1	107.07.17	台灣(23:25)搭機(中華航空 CI57)	
2	107.07.18	抵達澳大利亞墨爾本國際機場(10:45) 開會(會前會)	
3	107.07.19	開會	
4	107.07.20	開會	
5	107.07.21	開會	
6	107.07.22	開會	
7	107.07.23	開會 澳大利亞墨爾本國際機場(22:10)轉機(中華航空 CI58)	
8	107.07.24	抵達台灣(05:55)	

SCHEDULE

Wednesday, 18 July 2018



8:00 a.m.-5:00 p.m. (0800-1700)

The Global State of Palliative Care Pre-Conference presented by the End of Life Nursing Education Consortium (ELNEC)
(Ticketed Event)

4:00-6:00 p.m. (1600-1800)

Registration

Thursday, 19 July 2018

8:00-11:00 a.m. (0800-1100)

The Global State of Palliative Care Pre-Conference presented by the End of Life Nursing Education Consortium (ELNEC)
(Ticketed Event)

11:00 a.m.-5:15 p.m. (1100-1715)

Registration

Presenter Ready Room

11:00 a.m.-4:30 p.m. (1100-1630)

Moderator Check-In

Sigma Marketplace

12:30-2:00 p.m. (1230-1400)

Opening Plenary Session

2:00-2:30 p.m. (1400-1430)

Break

Foundation Tea (Invitation only)

2:30-3:15 p.m. (1430-1515)

Concurrent Sessions A

3:30-4:15 p.m. (1530-1615)

Concurrent Sessions B

4:30-5:15 p.m. (1630-1715)

Concurrent Sessions C

Thursday Schedule

<p>2:30-3:15 p.m. (1430-1515) Room 105 Session: A 03 Research Session Keyword: INRC18A03</p>	<p>Suicide Prevention <i>"R U OK" Promoting Student Health Through an Effective Gatekeeper Training Program</i> Lavonne M. Adams, PhD, RN, CCRN; Trung Nguyen, MA; and Karen Bell Morgan, PhD, MPH <i>A Meta-Analysis of Associations Between Insomnia Symptoms and Suicidal Behaviors in Adolescents</i> Hsiao-Yean Chiu, PhD, RN</p>
<p>2:30-3:15 p.m. (1430-1515) Room 106 Session: A 04 Research Session Keyword: INRC18A04</p>	<p>Creating a Safety Climate <i>Study Exploring How Hospitals Can Support Speaking Up to Reduce Error and Enhance Safety</i> Nicole Julienne Hall, EdD, MSN <i>Unprofessional Behavior Experiences and Barriers to Medication Error Reporting Predict Safety Climate in Hospital Nurses</i> Dana N. Rutledge, PhD RN; Tina Retrosi, MSN, RN; and Gary Ostrowski, PharmD</p>
<p> 2:30-3:15 p.m. (1430-1515) Room 107 Session: A 05 Research Session Keyword: INRC18A05</p>	<p>Promoting Clinical Outcomes in Cancer Care <i>Dyspnea Among Patients With Advanced Lung Cancer: A Concept Analysis</i> Barbara A. Roces, PhD, NP, RN <i>Testing the Psychometric Properties of the Patient Reported Outcomes: Cancer (PRO-C) Instrument</i> Carol Reid, PhD; Alexandra McCarthy, PhD; Monika Janda, PhD; and Jones Lee, BSc (Hon) AStat</p>
<p>2:30-3:15 p.m. (1430-1515) Room 109 Session: A 06 Research Session Keyword: INRC18A06</p>	<p>Transmission and Reduction of Exposure <i>Using Google Maps to Track Individual Activity Paths in Prevention of Dengue Transmission in Taiwan</i> Chun-Yin Yeh, BS; Nai-Ying Ko, PhD, RN; Yu-Chen Shu, PhD; Wei-Jie Liang, PhD; Kun-Ta Chuang, PhD; and Wen-Chien Ko, PhD <i>The Feasibility of Using Volume Control Innovation in Dengue Hemorrhagic Fever Patient at Pediatric Ward</i> Atchara Meenasantirak, PhD</p>
<p>2:30-3:15 p.m. (1430-1515) Room 110 Session: A 07 Research Session Keyword: INRC18A07</p>	<p>Mental Health Issues in Families <i>Exploring the Relationship Between Youth and Bullying: A Secondary Analysis of the 2015 YRBS</i> Sarah Kelly, PhD, RN; and Kaycie Zhen, SN <i>The Gender Differences on Depression Literacy Among Korea American Parents With Adolescent Children</i> Yoo Mi Jeong, PhD</p>
<p>2:30-3:15 p.m. (1430-1515) Room 111 Session: A 08 Research Session Keyword: INRC18A08</p>	<p>Evaluating Self-Efficacy <i>Performance Attainment Opportunities to Enhance Diversity and Inclusion in Academia</i> Kathy D. Wright, PhD, RN; Elizabeth M. Fitzgerald, EdD, RN; Jennifer L. Robb, MPA, MA; Kenneth M. Sigler, EdD; and John Pryba, BS <i>Concept Analysis of Self-Efficacy</i> Iman Hamdoon Al Hashmi, PhD; and Esra Al-Khasawneh, DNSc, MSN, RN, FAAN</p>
<p>2:30-3:15 p.m. (1430-1515) Room 112 Session: A 09 Research Session Keyword: INRC18A09</p>	<p>Urdu Tool Development <i>Construct Validity of Urdu Version of European Heart Failure Self-Care Behavior, Using Structural Equation Modeling</i> Ambreen Amir Ali Gowani, MSc; and Nadia Kurji, APRN <i>Development and Psychometric Testing of an Urdu Version of Self-Efficacy Tool for Breast Cancer Patients</i> Sehrish Sajjad, MSN</p>
<p>2:30-3:15 p.m. (1430-1515) Room 203 Session: A 10 Evidence-Based Practice Session Keyword: INRC18A10</p>	<p>APRN Preparation <i>Preparing Advanced Practice Registered Nurses to Impact Population Health Through Health Policy Curriculum</i> Robin Arends, DNP, RN, CNP, ARNP, FNP-BC, FAANP; and Jenna M. Herman, DNP, APRN, FNP-BC <i>Innovative Educational Strategies to Achieve Health Literacy Competencies for Advanced Practice Nurses and Interprofessional Students</i> Joyce I. Karl, DNP, APRN-CNP, RN, ANP-BC, COHN-S</p>

Thursday Schedule

2:30-3:15 p.m.
(1430-1515)
Room 204

Session: A 11
Special Session

Keyword: INRC18A11

Special Session

How to Amend Your Sigma Chapter to Add a College of Nursing or Practice Setting

Jenny Hoffman, BS

Sigma chapters can officially expand by adding an institute of higher education or practice setting. Learn the requirements, process, and timeline to officially expand your chapter.



Concurrent Sessions B

3:30-4:15 p.m.
(1530-1615)
Room 103

Session: B 01
Research Session

Keyword: INRC18B01

Artistic Leadership Development

Artful Clinical Leadership: An Innovative Model of Leadership for Advanced Practice Nurses

Judy Mannix, PhD

Nurse Stories of Meaning and Joy: A Qualitative Study

Lee A. Galuska, PhD, RN; and Judith Hahn, PhD

3:30-4:15 p.m.
(1530-1615)
Room 104

Session: B 02
Research Session

Keyword: INRC18B02

Health Promotion in School-Aged Children

Social and Environmental Health Challenges Among Adolescent Girls in Rural Kenya

Molly A. Secor-Turner, PhD; and Maureen Njoki Kinyua, PhD

Barriers to the School Nurse's Role During a Disease Outbreak

Katherine M. Christensen, BSN; Lacey M. Eden, MS, NP-C; Janelle L. B. Macintosh, PhD, RN; and Karlen E. Luthy, DNP, MS, BS, FNP

3:30-4:15 p.m.
(1530-1615)
Room 105

Session: B 03
Research Session

Keyword: INRC18B03

Curriculum Design to Care for Vulnerable Populations

Primary Care Plus Global at Home: A Clinical Option in a BSN Ambulatory Nursing Course

Caroline Varner Coburn, DNP, MS, BSN, RN, ANP-BC; and Valerie V. Mac, PhD, BSN, RN

Social Determinants of Health: A Longitudinal Study of BSN Students and Nursing Curriculum

Susan K. Lee, PhD, RN, CNE; and Pamela Willson, PhD, RN, FNP-BC, CNE, FAANP, VHF

3:30-4:15 p.m.
(1530-1615)
Room 106

Session: B 04
Research Session

Keyword: INRC18B04

Enhancing Student Perceptions

Making a Difference: Changing Nursing Students' Global Beliefs

Christine Ann Argenbright, PhD; Julie Sanford, DNS, MSN, RN; Vesna Hart, PsyD; Portia Jordan, PhD; Mariette Bengtsson, PhD; Michiko Moriyama, PhD, RN; Maria Jimenez Herrera, PhD; Gwen Sherwood, PhD, RN, FAAN; Lee Peng Lui, PGCLTH, MSc; and Yum Iwamoto, MA

The Global Impact of an Interprofessional Nursing and Health Sciences Educational Summer Academy

Audrey P. Miller, PhD, MSNEd, ARNP, PPCNP-BC; and Chanadra T. Young-Whiting, EdD, MPH/HS, BS, MT, CHES

3:30-4:15 p.m.
(1530-1615)
Room 107

Session: B 05
Research Session

Keyword: INRC18B05

Exercise and Cardiac Outcomes

A Systematic Review of Exercise Training in Cardiac Implantable Devices

Cynthia M. Dougherty, PhD, MN, BSN, RN, ARNP; Ana Carolina Sauer Liberato, MSN, RN; and Afnan Al Swyan, MSN, RN

Effects of Armswing Exercise on Cardiovascular Outcomes in Postmenopausal Women With

Prehypertension: Randomized-Controlled Trial

Sukanya Tantiprasoplap, MEd; Surasak Taneepanichskul, MD; and Noppawan Piaseu, PhD, RN, APN/NP

3:30-4:15 p.m.
(1530-1615)
Room 109

Session: B 06
Special Session

Keyword: INRC18B06

Special Session

An NCLEX® Success Program for Internationally-Educated Nurses

Michele Steinbeck, MNSc

3:30-4:15 p.m.
(1530-1615)
Room 110

Session: B 07
Research Session

Keyword: INRC18B07

Enhancing Functionality

Impact of Early and Intensive Rehabilitation in Preventing the Functional Decline of Stroke Patient

Armenio Guardado Cruz, SN; and Daniela Simões Maia Fonseca, SN


Fall Prevention and Reduction of Fall Risk in Older Adults: Efficacy of Stepping on Program

Katherine Diane Pendleton-Romig, DNP

Thursday Schedule

<p>3:30-4:15 p.m. (1530-1615) Room 111</p> <p>Session: B 08 Research Session</p> <p>Keyword: INRC18B08</p>	<p>Medication Process Opportunities <i>Threats of Medication Process in Outpatients: Qualitative Study With Physicians, Nurses, and Pharmacists</i> Sophia Huey-Lan Hu, PhD, RN; Yi-Chun Chiu, PhD; and Lei-Lan Wu, MSN</p> <p><i>The Utilization of Statin Medications in Primary Care Setting</i> Anna Dermenchyan, MSN, RN, CCRN-K</p>
<p>3:30-4:15 p.m. (1530-1615) Room 112</p> <p>Session: B 09 Evidence-Based Practice Session</p> <p>Keyword: INRC18B09</p>	<p>Best Practices in the Clinical Setting <i>Mealtime Assistance: A Best Practice Implementation Project</i> Pamela Sykes, MSN; and Kenneth Walsh, PhD</p> <p><i>The Shhh Campaign: Noise Reduction to Improve Patient Outcomes</i> Helen S. Kane, MSN, MBA, RN, CCRN; David Dacanay, BSN, RN; John Renzi, MBA, MSN, RN, CCCTM; and Linda Wilson, PhD, RN, CPAN, CAPA, BC, CNE, CHSE-A, ANEF, FAAN</p>
<p>3:30-4:15 p.m. (1530-1615) Room 203</p> <p>Session: B 10 Evidence-Based Practice Session</p> <p>Keyword: INRC18B10</p>	<p>Airway Management <i>A Low-Cost Method for Simulating a Cricothyrotomy Procedure in a Ghanaian Nurse Anesthesia Program</i> Brett T. Morgan, DNP, CRNA; Virginia C. Muckler, DNP, CRNA, CHSE; and Sylvanus Kampo, CRA, RN, MS</p> <p><i>A Systematic Review of Literature on the Use of Fenestrated Tracheostomy Tubes</i> Vinciya Pandian, PhD, MSN, RN, ACNP-BC, FAAN; Sarah Boisen, MSN; and Shifali Mathews, SN</p>
<p>3:30-4:15 p.m. (1530-1615) Room 204</p> <p>Session: B 11 Research Session</p> <p>Keyword: INRC18B11</p>	<p>Undergraduate Nursing Education Initiatives <i>Utilizing Concept Maps and Clinical Conferences to Assess Clinical Judgement in Pre-Licensure Nursing Students</i> Mary A. Wcisel, MSN, RN</p> <p><i>First-Year Undergraduate Nursing Students' Self-Efficacy in Numeracy</i> Rebecca O'Reilly, PhD; Miranda Daly; Mitchell Hughes, MAppLing, GradDipEd, BA; Lucie M. Ramjan, PhD; Yenna Salamonson, PhD; Annette Stunden, MSN; and Linda Gregory, EdD, MEd (AdultEd)</p>


Concurrent Sessions C

<p>4:30-5:15 p.m. (1630-1715) Room 103</p> <p>Session: C 01 Research Session</p> <p>Keyword: INRC18C01</p>	<p>Strategies in Nursing Research <i>Spanning the Research-Teaching-Practice Nexus Through Education: Facilitating Research and Publication Between Clinicians and Academics</i> Lindy King, PhD</p> <p><i>Improving Survey Development and Objective Measurement in Nursing Research: Construct Modeling and Rasch Diagnostics Analysis</i> Mary Bourke, PhD, MSN, RN</p>
<p>4:30-5:15 p.m. (1630-1715) Room 104</p> <p>Session: C 02 Research Session</p> <p>Keyword: INRC18C02</p>	<p>Clinical Education Strategies for Parents <i>Using WeChat-Assisted Instructions for Parents of Children Undergoing Herniorrhaphy</i> Violeta Lopez, PhD; and Xuelin Zhang, MAN</p> <p><i>Level of Health Literacy and Parent/Guardian Asthma Knowledge</i> Evelyn L. Hoover, PhD</p>
<p> 4:30-5:15 p.m. (1630-1715) Room 105</p> <p>Session: C 03 Research Session</p> <p>Keyword: INRC18C03</p>	<p>Clinical Learning <i>Mentoring, Modeling, and Mastery: An Innovative Mentoring Model to Support New Clinical Nursing Faculty</i> Pamela Karagory, DNP, MBA, MSB, BSN, RN, CNE; Kristen F. Kirby, MSN, BSN, RN, FNP-C; Becky S. Walters, MSN, FNP-BC, CWCN; Abby Berg, MSN; Joy Pieper, MSN; and Diane Hountz, DNP, ANP, RN</p> <p><i>Faculty and Staff Nurse Collaboration in the Clinical Learning Environment, Strategies for Improvement</i> Katie Hooven, PhD, RN, MBA, CNE</p>



Thursday Schedule

<p>4:30-5:15 p.m. (1630-1715) Room 106</p> <p>Session: C 04 Research Session</p> <p>Keyword: INRC18C04</p>	<p>Fragility in the Older Adult <i>Border Crossings: International Nursing Collaborative Advances Care of Older Adults With Fragility Hip Fracture</i> Anita Meehan, MSN; Ami Hommel, PhD; Anita Taylor, MCISc, MNSc; Ann Butler Maher, MSN; and Valerie MacDonald, MSN</p> <p><i>Use of Plasma Biomarkers to Test Frailty in Geriatric Trauma Patients</i> Pamela W. Bourg, PhD, RN, TCRN, FAEN</p>
<p>4:30-5:15 p.m. (1630-1715) Room 107</p> <p>Session: C 05 Special Session</p> <p>Keyword: INRC18C05</p>	<p>Special Session <i>Presentation Tips and Tricks: Getting Accepted and Engaging Your Audience</i> Sarah E. Abel, MSN, RN, CEN</p> <p>Get the inside scoop on how to improve your presentation abstract, including formatting and choosing a title. Learning to enhance your presentation by utilizing your presentation time effectively.</p>
<p>4:30-5:15 p.m. (1630-1715) Room 109</p> <p>Session: C 06 Special Session</p> <p>Keyword: INRC18C06</p>	<p>Special Session <i>Leading Interprofessional Practice Advancements: Critical Components of Influence</i> Deborah Bailey, EdD, MSN, RN; Amy Cotton, PhD, FAAN; Pearl Ed G. Cuevas, PhD, MAN, RN, FGNA; Mary Catherine Rawls, PhD; and Kathy D. Wright, PhD, RN, GCNS-BC, PMHCNS-BC</p> <p>Leading interprofessional practice advancements in delivery of care, educational design, and policy development are essential for the future of healthcare. Nurse leaders are prepared and positioned through the intentional behavioral leadership development experience of the Gerontological Nurse Leadership Academy.</p>
<p>4:30-5:15 p.m. (1630-1715) Room 110</p> <p>Session: C 07 Evidence-Based Practice Session</p> <p>Keyword: INRC18C07</p>	<p>Family Caregivers and Chronic Conditions <i>Benefit Finding for Chinese Family Caregivers of Community-Dwelling Stroke Survivors: A Cross-Sectional Study</i> Yongxia Mei; and Zhenxiang Zhang</p> <p><i>Lived Experience of Ethnic Minority Caregivers Supporting a Family Member With Dementia: A Scoping Review</i> Debra Jackson, PhD; and Joanne Brooke, PhD, RN, CPsychol</p>
<p>4:30-5:15 p.m. (1630-1715) Room 111</p> <p>Session: C 08 Evidence-Based Practice Session</p> <p>Keyword: INRC18C08</p>	<p>Clinical Outcomes in the ICU <i>Nurses' Decision-Making Process in Cases of Physical Restraint in Intensive Care Units</i> Yi Hung Yang, MSN</p> <p><i>Implementation of the Evidence-Based ABCDEF Bundle in a Surgical Intensive Care Unit: Process and Outcomes</i> Taline Marcarian, PhD, RN, CCRN, CSC; and Katrine Murray, BSN, RN, CCRN, NE-BC</p>
<p>4:30-5:15 p.m. (1630-1715) Room 112</p> <p>Session: C 09 Research Session</p> <p>Keyword: INRC18C09</p>	<p>Promoting Outcomes in the Emergency Department <i>Waiting Room Nurse Roles in the Emergency Department: Current Practice and Praxis Context</i> Kelli Innes, MSN; Doug Elliott, PhD; Debra Jackson, PhD; and Virginia Plummer, PhD</p> <p><i>Factors Associated With Emergency Among Older Adults at the Emergency Department in South Korea</i> Dong-Soo Shin, PhD; and MiSook Kim, PhD</p>
<p>4:30-5:15 p.m. (1630-1715) Room 203</p> <p>Session: C 10 Evidence-Based Practice Session</p> <p>Keyword: INRC18C10</p>	<p>Evidence Implementation In Clinical Practice <i>Evidence-Based Guidelines for Prevention, Screening, and Management of Multiple Organ Dysfunction Syndrome</i> Manju Daniel, PhD, MSN, APN, FNP-BC; and Gagandeep Singh, BSN</p> <p><i>Validation of a Symptoms Distress Scale in a Cirrhotic Population: Item Response Theory</i> Hui-Chuan Huang, PhD</p>
<p>4:30-5:15 p.m. (1630-1715) Room 204</p> <p>Session: C 11 Evidence-Based Practice Session</p> <p>Keyword: INRC18C11</p>	<p>Quality Improvement Strategies <i>Moving Patient Care Quality Forward by Benchmarking Nursing Care Performance</i> Huey-Shys Chen, PhD, RN, MCHES, FAAN; and Yue Zhang, PhD</p> <p><i>Using Quality Improvement Frameworks and Methodologies to Improve Clinical Outcomes</i> Anna Dermenchyan, MSN, RN, CCRN-K</p>


Friday Schedule

7:30 a.m.-5:30 p.m. (0730-1730) Level 1 Foyer	Registration
7:30 a.m.-4:00 p.m. (0730-1600) Level 1 Foyer	Moderator Check-In Moderators are required to check-in to verify participation.
7:30 a.m.-4:00 p.m. (0730-1600) Level 1, Speaker Ready Room	Presenter Ready Room
7:30-10:00 a.m. (0730-1000) Level 2, Melbourne Foyer	Exhibitor Move-In
7:30-7:45 a.m. (0730-0745) Level 2, Melbourne Room 2	Poster Session 1 Setup (Poster assignments are listed on pages 78-82. Poster floor plan layout is available on page 77.)
7:45-8:30 a.m. (0745-0830) Level 2, Melbourne Room 2	Poster Viewing Session 1A (Poster assignments are listed on pages 78-82. Poster floor plan layout is available on page 77.)
8:30 a.m.-4:15 p.m. (0830-1615) Level 1, Room 102	Chapter Development Meetings By Appointment Only
 8:30-10:00 a.m. (0830-1000) Ground Level, Auditorium Keyword: INRC18PLN2	Plenary Session 2 <i>Emerging Nurse Researcher Award</i> <i>Developing Change Agents in an Ever Evolving Healthcare Delivery System</i> Dale E. Beatty, DNP, RN, NEA-BC, Chief Nursing Officer and Vice President for Patient Care Services, Stanford Healthcare
10:00 a.m.-noon (1000-1200) Level 1, Room 108	Career Center Appointments Sponsored by Jonas Nursing and Veterans Healthcare
10:00-10:45 a.m. (1000-1045) Level 2, Melbourne Foyer	Sigma Marketplace Exhibit Viewing Morning Break
10:00-10:45 a.m. (1000-1045) Level 2, Melbourne Room 2	Poster Viewing Session 1B (Poster assignments are listed on pages 78-82. Poster floor plan layout is available on page 77.)

Concurrent Sessions D

 10:45 a.m.-noon (1045-1200) Room 103 Session: D 01 Special Session Keyword: INRC18D01	Special Session <i>Getting Published</i> Bernadette Mazurek Melnyk, PhD, RN, CPNP/PMHNP, FAANP, FNAP, FAAN; and Debra J. Anderson, PhD, RN, BA, GDNS (ed) The presentation will cover tips for planning and writing manuscripts, including deciding on the kind of manuscript, following author guidelines, formatting, and thinking about target audience.
 10:45 a.m.-noon (1045-1200) Room 104 Session: D 02 Evidence-Based Practice Session Keyword: INRC18D02	Global Perspectives on End-of-Life <i>Methodological Issues in Conducting an End-of-Life Care Study Among Older Korean US Immigrants</i> Hyeyoung K. Park, MSN, RN; and Cristina C. Hendrix, DNS, GNP-BC, FAAN <i>The Relationships Between Attitude, Perceived Competency, and Knowledge of Nursing Students in End-of-Life Care</i> Susan Ka Yee Chow, PhD

Friday Schedule

<p>10:45 a.m.-noon (1045-1200) Room 105 Session: D 03 Research Session Keyword: INRC18D03</p>	<p>Management of Chronic Conditions <i>Promoting DVT Prevention Through Hydration: Essential to Safely Administering Low Molecular Heparin in Anticoagulation Therapy</i> Patricia R. Messmer, PhD, MSN, MA, BSN, RN-BC, FAAN; and Guillermo Valdes, DNP <i>Health Experiences of Travelling Australian Grey Nomads Living With Chronic Conditions: A Qualitative Descriptive Study</i> Kaara Ray Calma, BSN (Hons), RN; Elizabeth J. Halcomb, PhD, BN (Hons), RN, FACN; and Moira Stephens, PhD, MSc, BSc (Hons), CertEd, RN <i>Transformation for Health in Chronic Disease Management Among High-Risk Vulnerable Populations</i> Maria Christina R. Esperat, PhD, RN, FAAN; Huaxin Song, PhD; Linda McMurry, DNP, RN, NEA-BC; and Monica R. Garcia, MS</p>
<p> 10:45 a.m.-noon (1045-1200) Room 106 Session: D 04 Research Session Keyword: INRC18D04</p>	<p>Promoting Health in Neonates <i>Painful Procedures Correlate With Markers of Hypoxia, Oxidative Stress, and Intestinal Injury in Premature Neonates</i> Danilyn Mag-akat Angeles, PhD, RN <i>NICU Noise and Vibration and High-Risk Infant Outcomes: A Review of the Literature</i> Valerie L. Willis, PhD, RN, PPCNP-BC, PCNS-BC <i>Access to Neonatal Screening Test in Monitoring the Care of Newborns</i> Maria Cândida Furtado, PhD; Beatriz Molina Carvalho, SN; Waldomiro Roberto Tavares, RN; Jéssica Batistela Vincente, MSN, RN; Gabriel Zanin Sanguino, RN; and Debora Falleiros Mello, PhD, RN</p>
<p>10:45 a.m.-noon (1045-1200) Room 107 Session: D 05 Research Session Keyword: INRC18D05</p>	<p>Nursing Education: Developing Nurses <i>Learning to be a Professional Nurse: Easier Said Than Done, a Principle-Based Concept Analysis</i> Beth Cusatis Phillips, PhD, RN, CNE; and Lynne Marie Kuhl, MSN <i>Effectiveness of a Transition to Practice Programme for Newly Qualified Registered Nurses</i> Yen Tjuin Eugene Teoh, MHS (Edu) <i>Better With Age</i> Candice Patryce Johnson, SN; Madison R. Kasel, SN; Michael H. Bramble, SN; Cassandra S. Clendenen, SN; Kelly A. Heffington, SN; Whitney S. Sims, SN; and Katharine Rocklein Kempplin, DNP, MSN, BNSc, RN</p>
<p>10:45 a.m.-noon (1045-1200) Room 109 Session: D 06 Research Session Keyword: INRC18D06</p>	<p>Global Strategies in Diabetes Care <i>People With Diabetes in Indonesia: Exploring Diabetes Care</i> Titan Ligita, MN, BSN; Kristin Wicking, PhD, MSN, BSN, GradCertEd, RN; Nichole Harvey, PhD, MNSt, BN, GradCertEd, RN, RM, CritCareCert; Intansari Nurjannah, PhD, MNsc, BSN; and Karen Francis, PhD <i>Binational Research Challenges: Assessing Diabetes Self-Management Behaviors in the US-Mexico Border Region</i> Marylyn M. McEwen, PhD, RN, FAAN; and Francisco Gonzalez Salazar, MD, PhD <i>Patient and Carer Experiences of Diabetes Education Provided by the Nurse in Acute Care Setting</i> Amanda Towell-Barnard, DCur, MCur, BCur (EdetADM), RN; Lisa Whitehead, PhD, MA, BSc (Hons), RN; Linda L. Coventry, PhD, MS, BSc, DipAppSc, RN; Gloria Daniels, DNE, RN; Narelle Cusack, RN; and Susanne Megan Davis, MN (Rsch), BAppSc (Nsg), RN, MACN</p>
<p>10:45 a.m.-noon (1045-1200) Room 110 Session: D 07 Research Session Keyword: INRC18D07</p>	<p>Men in Nursing <i>Identifying Strategies for Addressing Perceived Barriers to Education for Pre-Licensure Male Nursing Students</i> Brett T. Morgan, DNP, CRNA; Benjamin A. Smallheer, PhD, RN, ACNP-BC, FNP-BC, CCRN, CNE; Margory A. Molloy, DNP, RN, CNE, CHSE; and Helen Gordon, DNP, CNM, CNE, CHSE <i>Jordanian Male Nurses Perceptions of Nursing as a Career: A Qualitative Study</i> Susan A. LaRocco, PhD, MBA, RN, CNE, FNAP; Mohammad Y. N. Saleh, PhD, RN, TVNS, CNS; and Safa A. AlAshram, PhD, RN <i>Examining Attitudes of Acceptance of Males in Nursing Among Registered Nurses</i> Stephanie A. Gedzyk-Nieman, DNP, MSN, RNC-MNN</p>

Friday Schedule

10:45 a.m.-noon
(1045-1200)
Room 204

Session: D 11
Research Session
Keyword: INRC18D11

Cultural Competency in Nursing Education
Cultural Competence of Graduating Baccalaureate Student Nurses
Loretta Heuer, PhD, RN, FAAN

A Qualitative Inquiry Into Travel Study Abroad: Experiences of Baccalaureate Nursing Students
Debra Scardaville, PhD, RN, CPNP-PC; and Kimberly Dudas, PhD, RN, ANP-BC, CNE

Developing Interprofessional Cultural Competence Skills Through the Use of Video Vignettes and Literature
Josette Brodhead, PhD, MSHS, CNE, RNC; Patricia M. Burke, PhD, CNE, RNC; and Laurie Walsh, JD, MS

Noon-1:30 p.m.
(1200-1330)
Level 2, Melbourne Room 1

Lunch
Noon-12:30 p.m. (1200-1230) - Networking Round Table Discussions

Randomized-Controlled Trials	Research for Vulnerable Populations	Promoting EBP in Curriculum Simulation	Interdisciplinary Study Teams
Qualitative	Ethnographic Data Collection	Participant Study Recruitment	Process Improvement Teams
Tools & Methodologies	International Partnerships	Dissemination/Publication	Service Learning
Evidence-Based Practice	Clinical/Academic Partnerships	Sustaining Change	Flipped Classroom
Multi-site Research		Communication Strategies	

Noon-1:30 p.m.
(1200-1330)
Level 2, Melbourne Foyer

Sigma Marketplace
Exhibit Viewing

12:30-1:30 p.m.
(1230-1330)
Level 2, Melbourne Room 2

Poster Viewing Session 1C
(Poster assignments are listed on pages 78-82. Poster floor plan layout is available on page 77.)

Concurrent Sessions E



1:30-2:15 p.m.
(1330-1415)
Room 103

Session: E 01
Research Session
Keyword: INRC18E01

Cardiovascular Health Promotion
Clinicians Take 5: Emphasizing Accountability in Blood Pressure Measurement
Johnny R. Tice, DNP; Leslie G. Cole, DNP, RN; Stephen M. Ungvary, MA; and Safiya George Dalmida, PhD, APRN-BC

Early Life Adversity is Associated With Biomarkers of Endothelial Dysfunction in Women Veterans
Karen L. Saban, PhD; Herbert Mathews, PhD; Eileen G. Collins, PhD, RN, FAACVPR, FAAN; and Linda Witek Janusek, PhD, BS, RN, FAAN

1:30-2:15 p.m.
(1330-1415)
Room 104

Session: E 02
Research Session
Keyword: INRC18E02

Professional Development
Association Between Registered Nurses' Experiences of Continuing Professional Development and Their Sharing of Information Gained
Ronell Leech, PhD, M(Ed), BA; and Jeaneth Majola, MCur (NsgMgmt)

Getting Yourself and Your Research "Out There": Shameless Self-Promotion Demystified
Philip Darbyshire, PhD

1:30-2:15 p.m.
(1330-1415)
Room 105

Session: E 03
Special Session
Keyword: INRC18E03

Special Session
The Sigma Chapter Development Process: How to Start a Chapter
Jenny Hoffman, BS

Do you want to start a Sigma chapter? Learn about the requirements, process, and timeline to establish and operate a developing honor society and then later apply for chapter charter status.




1:30-2:15 p.m.
(1330-1415)
Room 106

Session: E 04
Research Session
Keyword: INRC18E04

Undergraduate Nursing Teaching Strategies
Australian Nursing Students' Digital Information Literacy Skills and e-Learning
Didy Button, PhD

The Lived Experiences of Nursing Students in Performing Case Scenario Analysis
Josephine De Leon, PhD, MAN, RN

Friday Schedule

<p>1:30-2:15 p.m. (1330-1415) Room 107</p> <p>Session: E 05 Research Session</p> <p>Keyword: <i>INRC18E05</i></p>	<p>EBP Barriers in Implementation <i>Educational Intervention Effects on Nurses' Perceived Ability to Implement Evidence-Based Practice</i> Atalanta Wan, PhD, RN, CNS, CCRN, NE-BC</p> <p><i>Bridging the Gap: An Innovative Web-Based Approach for Evaluating EBP Readiness in Direct Care Nurses</i> Jamie K. Roney, DNP, RN-BC, CCRN-K; JoAnn D. Long, PhD, RN, NEA-BC; Stacey L. Spradling, MSN, RN-BC, CCRN; Karen Baggerly, MSN, RN, NE-BC; and Nikki L. Galaviz, BSN, RN, CCRN</p>
<p> 1:30-2:15 p.m. (1330-1415) Room 109</p> <p>Session: E 06 Special Session</p> <p>Keyword: <i>INRC18E06</i></p>	<p>Special Session <i>Mentoring Experiences</i> Lois S. Marshall, PhD, RN; Nicole Julienne Hall, EdD, MSN; Claudia K. Y. Lai, PhD, RN, MN, CS; and Matthew S. Howard, MSN, RN, CPN, CPEN, CEN</p> <p>This presentation will discuss mentoring relationships that have utilized the Sigma Career Mentoring and Career Coaching program. Formal and informal relationships will be discussed by the panelists. The Sigma Career Mentoring and Career Coaching program will also be presented.</p>
<p>1:30-2:15 p.m. (1330-1415) Room 110</p> <p>Session: E 07 Research Session</p> <p>Keyword: <i>INRC18E07</i></p>	<p>Clinical Nurse Educator Preparation <i>The Effectiveness of Preparation Programs for Clinical Nurse Educators on Role Confidence</i> Van Nguyen, PhD, BN; Maxine Duke, PhD; and Helen Forbes, PhD, RN</p> <p><i>Clinical Nurse Education: Evidence Leading Reform Agenda</i> Robyn A. Rosina</p>
<p> 1:30-2:15 p.m. (1330-1415) Room 111</p> <p>Session: E 08 Research Session</p> <p>Keyword: <i>INRC18E08</i></p>	<p>Caring for Patients With Neurocognitive Disorder <i>Promoting Best Practice Care for People With a Neurocognitive Disorder: A Knowledge Translation Strategy</i> Alison M. Hutchinson, PhD, MBioeth, BAppSci, RN; Bernice Redley, PhD; Helen A. Rawson, PhD; Charlotte Peel, MA (Social Anthropology); Ben Richardson, PhD; Emily Tomlinson, PhD; Tracey K. Bucknall, PhD, RN, ICUCert, BN, GradDip, (AdvNurs); Cherene Ockerby, BA (Hons); Cheyne Chalmers, MMgmt (HSM); Don Campbell, MD; and Beverly O'Connell, PhD</p> <p><i>Co-Creating BRAIN-TRK: Behavioural Resource App for Interventions for Neurocognitive Disorders-Translating Research Knowledge</i> Bernice Redley, PhD; Alison M. Hutchinson, PhD, MBioeth, BAppSci, RN; Helen A. Rawson, PhD; Charlotte Peel, MA; Emily Tomlinson, PhD; Cherene Ockerby, BA (Hons); and Ben Richardson, PhD</p>
<p>2:30-3:45 p.m. (1430-1545) Room 107</p> <p>Session: E 09 Research Session</p> <p>Keyword: <i>INRC18E09</i></p>	<p>Promoting Maternal-Child Health <i>In-Hospital Newborn Falls: How Big is the Problem?</i> Rachel Abraham Joseph, PhD, RN, CCRN</p> <p><i>Developing National Standards of Practice for Maternal, Child, and Family Health Nurses in Australia</i> Julian Maree Grant, PhD; and Creina Mitchell, Mph</p>
<p> 1:30-2:15 p.m. (1330-1415) Room 203</p> <p>Session: E 10 Evidence-Based Practice Session</p> <p>Keyword: <i>INRC18E10</i></p>	<p>Instruments to Promote Global Health <i>Development of Brief Aging Perception Questionnaire (B-APQ) Among Older Persons With Chronic Disease</i> Yu-Rung Wang, MSN, RN; Huan-Fang Lee, PhD, RN; and Ching-Min Chen, DNS, RN</p> <p><i>Development and Validation of the Needs of Children's Questionnaire to Measure Children's Needs in Hospital</i> Mandie Jane Foster, PhD; Lisa Whitehead, PhD, MA, BSc (Hons), RN; and Diana Arabiat, PhD</p>

Friday Schedule

2:30-3:45 p.m.
(1430-1545)
Room 203
Session: F 10
Evidence-Based Practice Symposium
Keyword: INRC18F10

Symposium
Innovative Evaluation Strategies: Instilling Evidence-Based Practice Attitudes That Will Impact Future Global Health Outcomes
Tonya L. Breymier, PhD, RN, CNE, COI; LaDonna Dulemba, DNP; and Gloria L. Dixon, DNP
Scholarly Project Dissemination to Enhance Evidence-Based Practice Attitudes for Future Advanced Practice Nurses
Tonya L. Breymier, PhD, RN, CNE, COI
Implementing an Electronic Defense for Program Learning Outcome Assessment to Evaluate Evidence-Based Practice Attitudes
LaDonna Dulemba, DNP
Utilizing Overall Program Evaluation Data: Innovative Steps to Enhance Evidence-Based Practice Attitudes Through Curriculum Improvement
Gloria L. Dixon, DNP

2:30-3:45 p.m.
(1430-1545)
Room 204
Session: F 11
Evidence-Based Practice Symposium
Keyword: INRC18F11

Symposium
Evidence-Based Practice: Implications for Undergraduate Nursing Education
Wendy Sue Bowles, PhD, RN, CNP; Cindy G. Zellefrow, DNP, MEd, RN, LSN, APHN-BC; and Amy Suzanne Jauch, MSN, RN, CNE
Integrating Evidence-Based Practice as a Way of Thinking in an Undergraduate Curriculum
Wendy Sue Bowles, PhD, RN, CNP
Evidence-Based Practice in Healthcare: Implications for Nursing Education
Cindy G. Zellefrow, DNP, MEd, RN, LSN, APHN-BC
Framework for Integrating Evidence-Based Practice in an Undergraduate Curriculum
Amy Suzanne Jauch, MSN, RN, CNE

Concurrent Sessions G



4:00-4:30 p.m.
(1600-1630)
Room 103
Session: G 01
Special Session
Keyword: INRC18G01

Special Session
International Leadership Opportunities
Gwen Sherwood, PhD, RN, FAAN, ANEF; Kuei-Ru Chou, PhD, RN; and Benjamin A. Smallheer, PhD, RN, ACNP-BC, FNP-BC, CCRN, CNE
Members of Sigma's Leadership Succession Committee will discuss opportunities for serving as an international leader for the honor society. Open positions and position descriptions will be identified during this session, as well as qualifications and time commitment required.



4:00-4:30 p.m.
(1600-1630)
Room 105
Session: G 03
Special Session
Keyword: INRC18G03

Special Session
Research Abstracts, Proposals, and Grant Writing: Basics From Start to Finish
Lois S. Marshall, PhD, RN
This presentation will provide the novice researcher the basics to write a research abstract, proposal, and/or grant for submission. This session will enable participants to gain a basic understanding of the steps of the abstract/proposal/grant writing process in order to enable them to put forth a submission in the future.

4:00-4:30 p.m.
(1600-1630)
Room 106
Session: G 04
Special Session
Keyword: INRC18G04

Special Session
Sigma's Henderson Repository: Innovation and Impact Through Open Dissemination
Matthew S. Howard, MSN, RN, CPN, CPEN, CEN; and Martin Christensen, PhD, MA, MSc, BSc (Hons), PGCert (ICU)
Curious about Sigma's free resource, the Virginia Henderson Global Nursing e-Repository? This session explains the specifics of the repository and provides details about open dissemination and its benefits. If you are looking to quantify the global impact and reach of your work, look no further than the Henderson Repository.

4:00-4:30 p.m.
(1600-1630)
Room 107
Session: G 05
Solution Interest Group

Solution Interest Group
Discussion around a topic to develop key takeaways and tangible solutions
Topic: Promoting healthy work environments

Saturday Schedule

7:30 a.m.-4:00 p.m. (0730-1600) Level 1 Foyer	Registration
7:30 a.m.-4:00 p.m. (0730-1600) Level 1 Foyer	Moderator Check-In Moderators are required to check-in to verify participation.
7:30 a.m.-4:00 p.m. (0730-1600) Level 1, Speaker Ready Room	Presenter Ready Room
7:30-7:45 a.m. (0730-0745) Level 2, Melbourne Room 2	Poster Session 2 Setup (Poster assignments are listed on pages 84-88. Poster floor plan layout is available on page 83.)
7:45-8:30 a.m. (0745-0830) Level 2, Melbourne Room 2	Poster Viewing Session 2A (Poster assignments are listed on pages 84-88. Poster floor plan layout is available on page 83.)
8:15 a.m.-4:00 p.m. (0815-1600) Level 1, Room 101	Chapter Development Meetings By Appointment Only
8:30 a.m.-noon (0830-1200) Level 1, Room 108	Career Center Appointments Sponsored by Jonas Nursing and Veterans Healthcare



Concurrent Sessions H

8:30-9:15 a.m. (0830-0915) Room 103 Session: H 01 Research Session Keyword: INRC18H01	Promoting Healthy Practices <i>Hispanic Adult's Perceptions of Desired Knowledge for Eating Healthier and Motivators for Physical Activity</i> Karen A. Amirehsani, PhD <i>Executive Function Predicts Self-Rated Health in Non-Demented Community Dwellers</i> Kyoung Suk Lee, PhD, MPH, RN; Mi Sook Jung, PhD, RN; Hyeri Yun, MSN; Mijung Kim, MSN; Hui Jin Kong, BSN; and Seong Hee Oh, BSN
8:30-9:15 a.m. (0830-0915) Room 104 Session: H 02 Research Session Keyword: INRC18H02	Spirituality in Healthcare <i>The Salutogenic Effects of Prayer and Meditation on Health Perception, Behavior, and Outcomes</i> Maryclaret Ndubuisi-Obi, MSN, RN; and Lilian Allen, PhD <i>Adolescent Moral Development: Effects of Engaging Youth in the Critical Appraisal of Theological Content</i> JoAnn D. Long, PhD, RN, NEA-BC; Steven Bonner, DMin; Samara C. Silva, MSN, BSN, RN, CLC; and Hope A. Cimino, BSN, RN
8:30-9:15 a.m. (0830-0915) Room 105 Session: H 03 Research Session Keyword: INRC18H03	Health Promotion and Support in Cardiac Care <i>Improving Hope in Hopeless Patients With Ischemic Heart Disease</i> Susan L. Dunn, PhD, RN, FAHA; Holli A. DeVon, PhD, RN, FAHA, FAAN; and Nathan L. Tintle, PhD <i>Social Support and Self-Efficacy's Influence on Helplessness Following an Acute Myocardial Infarction</i> Benjamin A. Smallheer, PhD, RN, ACNP-BC, FNP-BC, CCRN, CNE
8:30-9:15 a.m. (0830-0915) Room 106 Session: H 04 Research Session Keyword: INRC18H04	Pain Management in Clinical Settings <i>Identification of Nurse-Controlled Variables Pain in a Magnet® Designated Community Hospital's Surgical Orthopedic Patient Population</i> Melodie Ruth Daniels, RN; and Cynthia D. Connelly, PhD, RN, FAAN <i>Impact of Pain on Healing and Evidence-Based Treatment for Adults With Venous Leg Ulcers</i> Helen E. Edwards, PhD, RM, OAM, FACN, FAAN; and Kathleen Finlayson, PhD, MNsg, BN



Saturday Schedule

CONCURRENT SESSIONS I

<p>9:30-10:15 a.m. (0930-1015) Room 103 Session: I 01 Research Session Keyword: INRC18101</p>	<p>Simulation Competencies <i>The Effectiveness of Simulation Education on Improving Self-Efficacy Toward Teaching Among Nurse Educators in India</i> Shelby L. Garner, PhD, RN, CNE; Erin E. Killingsworth, PhD; Leena Raj, MSN, MPhil; and Martha Bradshaw, PhD</p> <p><i>Promoting Confidence in Managing Clinical Aggression at a Paediatric Hospital Using High-Fidelity Simulation-Based Education</i> Marijke J. Mitchell, MN, RN; Katrina Williams, PhD; Fiona H. Newall, PhD, MN, BSc (Nsg), RN; and Jenni Sokol, MBBS</p>
<p>9:30-10:15 a.m. (0930-1015) Room 104 Session: I 02 Research Session Keyword: INRC18102</p>	<p>Studies in Mental Health <i>Hospital Revitalisation Implementation Framework Innovation From Action Research for Psychiatry: Evidence for Nurse Leaders Globally</i> Guinevere Lourens, PhD, MNsc, BNsc, RN, RM, RPN, RCN</p> <p><i>Re-Imagining Mental Healthcare in Kenya: Results From Mental Health Literacy Survey and Education Pilot</i> Elijah Marangu, MPH; Helen Rawson, PhD; and Fethi Mansouri, PhD</p>
<p> 9:30-10:15 a.m. (0930-1015) Room 105 Session: I 03 Research Session Keyword: INRC18103</p>	<p>Mindfulness-Based Health Promotion <i>Effects of the Mindfulness-Based Stress Reduction Program on Blood Pressure in Adults: A Literature Review</i> Ana Laura Solano, PhD</p> <p><i>Chronic Pain and the Effects of Self-Regulation and Mindfulness</i> Marygrace Leveille, PhD, RN, ACNP-BC; and Debra Kahnen, BSN, RN, CMSRN</p>
<p> 9:30-10:15 a.m. (0930-1015) Room 106 Session: I 04 Research Session Keyword: INRC18104</p>	<p>Competencies in the Nursing Profession <i>Overview of Systematic Reviews Indicates Variation in EBP Competencies Among Healthcare Professionals</i> Hannele Saunders, PhD, RN, APRN-BC, CNS, CNRN; Lynn Gallagher-Ford, PhD, RN, NE-BC, DPFNAP, FAAN; Tarja Kvist, PhD, MSN, BSN, RN; and Katri Vehviläinen-Julkunen, PhD, LicHC, MSc, RN, RM</p> <p><i>Knowledge, Skills, Competencies, and Psychological Capacities of Nurses in Disaster Preparedness: A Future Direction</i> Nizar B. Said, MSN; Vico C. L. Chiang, PhD, MHA, GDipMgtSt, BN, RN, MACN, FHKAN (CritCr); and Alice Yuen Loke, PhD, RN</p>
<p>9:30-10:15 a.m. (0930-1015) Room 107 Session: I 05 Research Session Keyword: INRC18105</p>	<p>Considerations in the Care of Cardiac Patients <i>Powerful Impact of Family Diaries in a Cardiothoracic Transplant Intensive Care Unit</i> Marygrace Leveille, PhD, RN, ACNP-BC; Amber Coe, BSN, RN, CCRN; Barbara "Bobbi" Leeper, MSN, RN, CCRN, FAHA; and Deborah Petty, DNP</p> <p><i>Predictors of 30-Day Hospital Readmissions Among Heart Failure Patients</i> Lydia Honorata Albuquerque, DNP</p>
<p>9:30-10:15 a.m. (0930-1015) Room 109 Session: I 06 Research Session Keyword: INRC18106</p>	<p>Community-Based Wellness <i>The Role of Nurses in International and Community Development Programs: My Personal Experience</i> Suzette Dela Cruz-Regalo, BSN, RN, PGDip ICD, MHIM</p> <p><i>Community-/Coalition-Based Wellness Efforts: Evaluation of Policy, Systems, and Environmental Changes Through an Academic-Community Partnership</i> Vicki L. Simpson, PhD, RN, CHES</p>
<p>9:30-10:15 a.m. (0930-1015) Room 110 Session: I 07 Special Session Keyword: INRC18107</p>	<p>Special Session <i>How to Amend Your Sigma Chapter to Add a College of Nursing or Practice Setting</i> Jenny Hoffman, BS</p> <p>Sigma chapters can officially expand by adding an institution of higher education or practice setting. Learn the requirements, process, and timeline to officially expand your chapter.</p>

Saturday Schedule

Concurrent Sessions J



1:30-2:45 p.m.
(1330-1445)
Room 103
Session: J 01
Research Session
Keyword: INRC18J01

Adolescent Sexual Health
Scottish Adolescents' Sexual Experiences and Risk Behaviors: Understanding for Evidence-Based Intervention Tailoring
Dianne Morrison-Beedy, PhD, MSN, BSN, RN, WHNP-BC, FNAP, FAANP, FAAN; Caroline Hollins Martin, PhD; Janette Pow, PhD; and Lawrie Elliott, PhD
Promotion of Girls Reproductive Knowledge Through a Health Camp Intervention
Adejoke B. Ayoola, PhD, RN; Barbara Bosscher Timmermans, PhD, RN; Josephine Granner, BSN; Donald Bryant; and Elise Veurink, BSN, RN
Why Is It So Hard? Promoting Open Conversations Between Parents and Adolescents
Josie Weiss, PhD, MSN, BSN, FNP-BC, FAANP

1:30-2:45 p.m.
(1330-1445)
Room 104
Session: J 02
Research Session
Keyword: INRC18J02

Parent Education Initiatives
Learning Principles' Utilisation in Parent Education Practice: A Scoping Review of the Literature
Deryn Lee Thompson, MN; Esther May, PhD; Matthew Leach, PhD; Jennifer Fereday, PhD; and Colleen P. Smith, PhD
The Global Effect of an Innovative Oral Health Educational Program for Caregivers of Children
Audrey P. Miller, PhD, MSNEd, ARNP, PPCNP-BC; Gabriella M. Riccia, DNP, MSN, ARNP, FNP-BC; and Chanadra T. Young-Whiting, EdD, MPH/HSA, BS, MT, CHES
Standardized Education for Parents Requesting an Immunization Exemption for School Entry in Utah
Erin J. Marshall, SN, FNP; Lacey M. Eden, MS, NP-C; Janelle L. B. Macintosh, PhD, RN; and Karlen E. Luthy, DNP, MS, BS, FNP



1:30-2:45 p.m.
(1330-1445)
Room 105
Session: J 03
Research Symposium
Keyword: INRC18J03

Symposium
Current State of EBP Competency in Nurses and Organizations: Critical Implications for Improving Outcomes
Lynn Gallagher-Ford, PhD, RN, NE-BC, DPFNAP, FAAN; Bernadette Mazurek Melnyk, PhD, RN, CPNP/PMHNP, FAANP, FNAP, FAAN; and Cindy G. Zellefrow, DNP, MEd, RN, LSN, APHN-BC
Development of the EBP Competencies for Practicing Registered Nurses and Advanced Practice Nurses: Delphi Study
Bernadette Mazurek Melnyk, PhD, RN, CPNP/PMHNP, FAANP, FNAP, FAAN
First US Study on Registered Nurses' and Advanced Practice Nurses' EBP Competencies: Call to Action
Lynn Gallagher-Ford, PhD, RN, NE-BC, DPFNAP, FAAN
Implementing the EBP Competencies in Academic and Clinical Settings to Improve Outcomes: Exemplars of Success
Cindy G. Zellefrow, DNP, MEd, RN, LSN, APHN-BC

1:30-2:45 p.m.
(1330-1445)
Room 106
Session: J 04
Research Session
Keyword: INRC18J04

Health Promotion of Diabetic Patients
Translation and Evaluation of the Thai Version of the Simplified Diabetes Knowledge Scale
Saneh Khunkaew
Safe Implementation of a Hyperglycemic Crises Protocol by Utilizing a Conversion Table
Renee Murray-Bachmann, EdD, CDN, RN, CDE, CPT; Deirdre O'Flaherty, DNP, RN, NE-BC, APRN-BC, ONC; Seon Lewis-Holman, DNP, ACNS-BC; Shawanda M. Patterson, MA, RN, AGPCNP-BC, CCRN; Simone Ashman, MA, RN; and Irene Macyk, PhD, RN, NEA
Comparison of the Risk of Developing Type 2 Diabetes in Mining and Administrative Workers
Ma. Teresa Pratz Andrade, DCE, MCE, ECV, RN; and Sandra Lizeth Pérez Villegas, SN

1:30-2:45 p.m.
(1330-1445)
Room 107
Session: J 05
Evidence-Based Practice Symposium
Keyword: INRC18J05

Symposium
Building an Evidence-Based Nursing Enterprise: Our Experience and Meaningful Outcomes
Nancy Houlihan, MA, AOCN; Kevin Browne, MS, RN, CCRN; and Keri Jean Wagner, RN, FNP-C, OCN
Organizational Planning for Adopting Evidence-Based Practice
Kevin Browne, MS, RN, CCRN
Actualizing Institutional Change: Applying Deliberate Strategies for Adopting Evidence-Based Practice
Nancy Houlihan, MA, AOCN
Nursing Leaders as Early Adopters of Evidence-Based Practice: Outcomes of the Plan
Keri Jean Wagner, RN, FNP-C, OCN

Saturday Schedule

<p>1:30-2:45 p.m. (1330-1445) Room 109</p> <p>Session: J 06 Evidence-Based Practice Session</p> <p>Keyword: INRC18J06</p>	<p>Engaging, Empowering, and Energizing the Workforce <i>Psychometric Evaluation of the Nurse's Retention Positive Energy Instrument (NRPEI): A Confirmatory Analysis</i> Chiu-Chu Lin, PhD, RN; and Chia-Chen Wu, MSN, RN</p> <p><i>Demonstrating the Return on Investment for Nursing: Elevating Nursing Practice Through Engagement</i> Rani Hajela Srivastava, PhD, MScN, RN; Gillian Strudwick, PhD, RN; Kristin Cleverley, PhD, MSc, BScN, RN, CPMHN; Margaret Gehrs, MScN, BScN, BSc (HK), BScN, MScN, CPMHN (C), RN; and Ann Pottinger, MScN, MN, RN</p> <p><i>Advancing the Voice of Nursing Through Leadership: The Current State of the Evidence Base</i> Jennifer A. Specht, PhD; and Dawn M. Gordon, PhD</p>
<p>1:30-2:45 p.m. (1330-1445) Room 110</p> <p>Session: J 07 Research Session</p> <p>Keyword: INRC18J07</p>	<p>QOL in Cancer Care <i>The Predicting Factors of Quality of Life in Women With Invasive Ovarian Cancer</i> Ya-Ling Yang, PhD, RN</p> <p><i>Contextual Factors, Cognitive Appraisal, and Quality of Life During Cancer Treatment</i> Theresa A. Kessler, PhD, RN, ACNS-BC, CNE</p> <p><i>Efficacy of Individual Health Education on Adjustment and QoL Oral Cancer After Reconstruction Surgery</i> Yi-Wei Chen, MSN; and Tsae-Jyy Wang, PhD, RN, ARNP</p>
	<p>1:30-2:45 p.m. (1330-1445) Room 111</p> <p>Session: J 08 Special Session</p> <p>Keyword: INRC18J08</p> <p><i>The Future of Global Health Nursing</i> Beth Baldwin Tigges, PhD, RN, PNP, BC; Gwen Sherwood, PhD, RN, FAAN, ANEF; Elizabeth Iro, RN; and Cynthia Vlasich, MBA, BSN, RN</p> <p>This panel discussion will review current international efforts that promote nursing's role in leading the global health agenda, including the Global Advisory Panel on the Future of Nursing & Midwifery (GAPFON[®]), Nursing Now, and initiatives at the World Health Organization (WHO).</p>
	<p>1:30-2:00 p.m. (1330-1400) Room 203</p> <p>Session: J 10a Special Session</p> <p>Keyword: INRC18J10a</p> <p>Special Session <i>2018 International Nurse Researcher Hall of Fame Honoree</i> <i>History Matters: Nurses' Role in Primary Healthcare, 1920-1940</i> Patricia D'Antonio, PhD, MSN, RN, FAAN</p> <p>This presentation analyses the work of US nurses in establishing the norms of primary healthcare in the 1920s and 1930s. It argues for the centrality of their day-to-day work in convincing families and communities to accept health as well as illness care.</p>
	<p>2:15-2:45 p.m. (1415-1445) Room 203</p> <p>Session: J 10b Special Session</p> <p>Keyword: INRC18J10b</p> <p>Special Session <i>2018 International Nurse Researcher Hall of Fame Honoree</i> <i>Improving Outcomes of Patient-Caregiver Dyads in Chronic Illness</i> Misook L. Chung, PhD, RN, FAHA, FAAN</p> <p>This session will provide updated data-based information on significance and consequence of family caregiving and dyadic intervention programs designed to improve outcomes of patients-caregivers dyads.</p>
	<p>1:30-2:45 p.m. (1330-1445) Room 204</p> <p>Session: J 11 Special Session</p> <p>Keyword: INRC18J11</p> <p>Special Session <i>ELNEC: Preparing Nurses to be Palliative Care Leaders Around the World</i> Polly M. Mazanec, PhD, ACNP-BC, AOCN, ACHPN, FPCN; and Pamela Malloy, MN, FAAN, FPCN</p> <p>Millions of people around the world with serious illnesses are in dire need of quality palliative care. Nurses educated in the ELNEC curriculum have become international leaders, improving the way people with serious illness and their families receive care, across the illness trajectory and at end-of-life.</p>
<p>2:45-3:30 p.m. (1445-1530) Level 2, Melbourne Foyer</p>	<p>Sigma Marketplace Exhibit Viewing Afternoon Break</p>
<p>2:45-3:30 p.m. (1445-1530) Level 2, Melbourne Room 2</p>	<p>Poster Viewing Session 2C (Poster assignments are listed on pages 84-88. Poster floor plan layout is available on page 83.)</p>

Saturday Schedule

<p>2:45-3:30 p.m. (1445-1530) Level 2, Melbourne Foyer</p>	<p>Meet the Authors Lynn Gallagher-Ford, PhD, RN, DPFNAP, NE-BC <i>Implementing the Evidence-Based Practice (EBP) Competencies in Healthcare: A Practical Guide for Improving Quality, Safety, and Outcomes</i> Bernadette Mazurek Melnyk, PhD, RN, CPNP/PMHNP, FAANP, FNAP, FAAN <i>Implementing Evidence-Based Practice: Real-Life Success Stories and Implementing the Evidence-Based Practice (EBP) Competencies in Healthcare: A Practical Guide for Improving Quality, Safety, and Outcomes</i> Gwen D. Sherwood, PhD, RN, FAAN, ANEF <i>Reflective Practice: Transforming Education and Improving Outcomes, Second Edition and Reflective Organizations</i> Sharon Tucker, PhD, RN, PMHCNS-BC, FAAN <i>Evidence-Based Practice in Action and Workbook: Evidence-Based Practice in Action</i></p>
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Concurrent Sessions K



<p>3:30-4:00 p.m. (1530-1600) Room 103 Session: K 01 Special Session Keyword: INRC18K01</p>	<p>Special Session <i>2018 International Nurse Researcher Hall of Fame Honoree</i> <i>End-of-Life Communication and Treatment Decision Making: The Most Enduring Challenge in Healthcare</i> Mi-Kyung Song, PhD This presentation will discuss the phenomenon of end-of-life communication and treatment decision making as the most enduring challenge in healthcare and an evidence-based approach to improve patient and family outcomes.</p>	
<p>3:30-4:00 p.m. (1530-1600) Room 104 Session: K 02 Special Session Keyword: INRC18K02</p>	<p>Special Session <i>2018 International Nurse Researcher Hall of Fame Honoree</i> <i>TelePain</i> Ardith Z. Doorenbos, PhD, RN, FAAN By the end of this session participants should expect to identify the challenge of effective pain management and integrative interventions for chronic pain management. They should also be able to describe the impact of telehealth on patient outcomes.</p>	
<p>3:30-4:00 p.m. (1530-1600) Room 105 Session: K 03 Special Session Keyword: INRC18K03</p>	<p>Special Session <i>2018 International Nurse Researcher Hall of Fame Honoree</i> <i>Adventures in Translational Research: From Bedside to Bench and Back Again</i> Hilaire Thompson, PhD, ARNP This session is designed to describe how nurse scientists can move clinically relevant questions from the patient bedside to the laboratory setting and back to clinical care, covering the various translational research phases. One such program of research focused on traumatic brain injury will be used as an exemplar.</p>	
<p>3:30-4:00 p.m. (1530-1600) Room 106 Session: K 04 Special Session Keyword: INRC18K04</p>	<p>Special Session <i>2018 International Nurse Researcher Hall of Fame Honoree</i> <i>A Program of Primary Care Nursing Research in Australia</i> Elizabeth J. Halcomb, PhD, BN (Hons), RN, FACN The nursing workforce in Australian primary care has grown exponentially in the last 15 years. This presentation will discuss the research program that has evolved in conjunction with this workforce growth to support nursing education, health policy, and clinical practice.</p>	
	<p>3:30-4:00 p.m. (1530-1600) Room 107 Session: K 05 Special Session Keyword: INRC18K05</p>	<p>Special Session <i>2018 International Nurse Researcher Hall of Fame Honoree</i> <i>Behavioral Interventions to Reduce Health Disparities Among Vulnerable Populations of Ethnic Minority Women and Adolescents</i> Jane Champion, PhD, DNP, MA, MSN, AH-PMH-CNS, FNP, FAAN Dr. Champion presents innovative behavioral interventions developed through active community participation to reduce health disparities among vulnerable populations of ethnic minority women and adolescents in rural and urban communities. This work has international public health policy implications for prevention of STI/HIV, unintended pregnancy, and substance use and abuse among these populations.</p>

Sunday Schedule



8:30-9:45 a.m.

(0830-0945)
Room 106

Session: L 04
Research Symposium

Keyword: INRC18L04

Symposium

Women's Health- and Job-Related Quality of Life

June Cho, PhD; Sun Ju Chang, PhD, RN; and Seung Hee Lee, PhS, PhD, MPN, RN

Health-Related Quality of Life in Women With Hypertension in Korea

Sun Ju Chang, PhD, RN

The Effects of Nurse Practice Environment and Organizational Justice on Job Embeddedness Among Hospital Nurses

Seung Hee Lee, PhS, PhD, MPN, RN

Correlation of Hormonal Biomarkers With Mental Health and Healthy Behaviors of Mothers With Very-Low-Birthweight Infants

June Cho, PhD

8:30-9:45 a.m.

(0830-0945)
Room 107

Session: L 05
Research Session

Keyword: INRC18L05

Promoting Clinical Outcomes for Chronic Conditions

Evaluation of the Best Foot Forward Health Service Model on Prevention of Leg Ulcers

Kathleen Finlayson, PhD, MNsg, BN; and Helen E. Edwards, PhD, RN, OAM, FACN, FAAN

Chronic Disease Multi-Morbidity: Nurse Practitioners Reforming Healthcare Delivery in Australia

Ann Bonner, PhD, MA, BAPSc (Nurs), RN, MACN; Cassandra Stone, MNsc(NP); Maureen Barnes, MNP; Jennifer Abels, MNsc(NP); Vincent Tam, BSc; Kathryn Havas, BPsySc (Hons 1); Karen Mills, MNsc(NP); and Clint Douglas, PhD, BN, RN

Nurse-Led Cognitive Training in Chronic Illness: An Integrative Review

Heather E. Cuevas, PhD

8:30-9:45 a.m.

(0830-0945)
Room 109

Session: L 06
Research Session

Keyword: INRC18L06

Preventing and Living With HIV

Human Immunodeficiency Virus Pre-Exposure Prophylaxis Screening and Linkage-to-Care at an Urban Treatment Center

Nancy S. Goldstein, DNP, MS, ANP-BC, RNC-OB; and Jared B. Davis, BA, BSN

The Health Impact of Housing Factors Among People Living With HIV

Safiya George Dalmida, PhD, APRN-BC

Knowledge for STI/HIV and Risky Sexual Behaviors for HIV/AIDS

Silvia Margarita Arellano-Porras, SN; Lilitiana del Rocio Ceron Lara, SN; Dulce Maria Tafolla-Sotelo, SN; Lucia Caudillo-Ortega, DSN, LEO, MCE; and Luisa Flores-Arias, DSN

8:30-9:45 a.m.

(0830-0945)
Room 110

Session: L 07
Research Session

Keyword: INRC18L07

Promoting Clinical Outcomes

Medication Adherence and Health Beliefs Among Patients With Hypertension: A Systematic Review

Huda Al Noumani, PhD, RN, CNS; Jia-Rong Wu, PhD; Debra Barksdale, PhD, RN, FNP-BC, CNE, FAANP, FAAN; Esra Al-Khasawneh, DNSc, MSN, RN, FAAN; Gwen Sherwood, PhD, RN, FAAN, ANEF; and George Knaf, PhD

Unpleasant Symptom Clusters Among Patients With Chronic Kidney Disease

Anucha Taiwong, MNS; and Nirobol Kanogsunthornrat, PhD

Family Involvement in Caring for Persons With Chronic Kidney Disease (CKD): Implications for Family Education

Esther Shirley Daniel, PhD, RN, RM; and Donna Shelly Ann Dublin, BSN



8:30-9:45 a.m.

(0830-0945)
Room 111

Session: L 08
Research Symposium

Keyword: INRC18L08

Symposium

Interprofessional Collaboration to Advance Nursing Education and Research

Tamatha Arms, DNP, RN, PMHNP-BC, NP-C; Laurie Badzek, JD, RN; Patricia White, MSN, RN; Diane Pastor, PhD; and Victoria Traynor, PhD

Interprofessional Collaboration to Advance Nursing Education and Research

Laurie Badzek, JD, RN

Interprofessional Collaboration on an Aging Simulation

Tamatha Arms, DNP, RN, PMHNP-BC, NP-C

Interprofessional Nursing Education to Prepare Baccalaureate Nursing Students for Transition to Practice

Patricia White, MSN, RN

Global Collaboration for Interprofessional Education on Dementia and Driving Decision Aid

Diane Pastor, PhD; and Victoria Traynor, PhD

Sunday Schedule



8:30-9:45 a.m.

(0830-0945)

Room 112

Session: L 09
Research Symposium

Keyword: INRC18L09

Symposium

Midlife Women's Health Issues

Eun-Ok Im, PhD, MPH, FAAN; Yun Hu, PhD, RN; Ching-Yu Cheng, PhD, RN; Young Ko, PhD, RN; Eunice Chee, BSE; Wonshik Chee, PhD; Xiaopeng Ji, PhD, RN; Sangmi Kim, PhD, MPH; Soo Young Park, MSN; Jingwen Zhang, PhD; Hsiu-Min Tsai, PhD, RN; and Young Ko, PhD

Cognitive Symptoms of Midlife Women and Their Influencing Factors in Four Racial/Ethnic Groups

Eun-Ok Im, PhD, MPH, FAAN; Yun Hu, PhD, RN; Ching-Yu Cheng, PhD, RN; Young Ko, PhD, RN; Eunice Chee, BSE; and Wonshik Chee, PhD

The Best Strategy in a Web-Based Physical Activity Promotion Program for Midlife Asian American Women

Wonshik Chee, PhD; Xiaopeng Ji, PhD, RN; Sangmi Kim, PhD, MPH; Soo Young Park, MSN; Jingwen Zhang, PhD; Eunice Chee, BSE; Hsiu-Min Tsai, PhD, RN; and Eun-Ok Im, PhD, MPH, FAAN

A Cluster Analysis on Cognitive Symptoms of Midlife Women: Racial/Ethnic Differences

Yun Hu, PhD, RN; Ching-Yu Cheng, PhD; Young Ko, PhD; Eunice Chee, BSE; Wonshik Chee, PhD; and Eun-Ok Im, PhD, MPH, FAAN

8:30-9:45 a.m.

(0830-0945)

Room 203

Session: L 10
Evidence-Based
Practice Symposium

Keyword: INRC18L10

Symposium

A US Study of EBP Competency Between Nurses in Magnet® and Non-Magnet Healthcare Institutions

Bernadette Mazurek Melnyk, PhD, RN, CPNP/PMHNP, FAANP, FNAP, FAAN; Cindy G. Zellefrow, DNP, MEd, RN, LSN, APHN-BC; Hannele E. Saunders, PhD, APRN-BC, CNS, CNRN, RN-C; and Fathimath Shifaza, PhD

Differences in Job Satisfaction and EBP Competency Between Nurses in Magnet® and Non-Magnet Healthcare Institutions

Bernadette Mazurek Melnyk, PhD, RN, CPNP/PMHNP, FAANP, FNAP, FAAN

EBP Knowledge and Competency in Nurses at Magnet® and Non-Magnet Healthcare Institutions: A National Survey

Cindy G. Zellefrow, DNP, MEd, RN, LSN, APHN-BC

Differences in EBP Beliefs and Implementation Between US Nurses at Magnet® and Non-Magnet Healthcare Institutions

Hannele E. Saunders, PhD, APRN-BC, CNS, CNRN, RN-C; and Fathimath Shifaza, PhD

8:30-9:45 a.m.

(0830-0945)

Room 204

Session: L 11
Evidence-Based
Practice Symposium

Keyword: INRC18L11

Symposium

Building an Evidence-Based Nursing Enterprise: Lessons Learned and Meaningful Outcomes

Lynn Gallagher-Ford, PhD, RN, NE-BC, DPFNAP, FAAN; Kevin Browne, MS, RN, CCRN; Nancy Houlihan, MA, AOCN; Keri Jean Wagner, RN, FNP-C, OCN; and Jennifer H. Dean, BS, BSN, RN

Return on Investment: Demonstrating Value to the Organization

Kevin Browne, MS, RN, CCRN; and Nancy Houlihan, MA, AOCN

Return on Investment: Demonstrating Value to the Clinician

Keri Jean Wagner, RN, FNP-C, OCN

Lessons Learned: Informing Future EBP Program Development

Lynn Gallagher-Ford, PhD, RN, NE-BC, DPFNAP, FAAN; and Jennifer H. Dean, BS, BSN, RN

9:45-10:15 a.m.

(0945-1015)

Level 2, Melbourne Foyer

Exhibit Viewing

Morning Break

Sigma Marketplace

9:45-10:15 a.m.

(0945-1015)

Level 2, Melbourne Room 2

Poster Viewing Session 3B

(Poster assignments are listed on pages 90-95. Poster floor plan layout is available on page 89.)

Concurrent Sessions M



10:15-11:00 a.m.

(1015-1100)

Room 103

Session: M 01
Research Session

Keyword: INRC18M01

Mentoring Students and New Nurses

Second Degree Newly Licensed RNs Value Orientation: Comparative Analysis to Good Work in Nursing Research

M. Christine Alichnie, PhD, RN; and Shena Gazaway, PhD

Nurse-to-Nurse Empowerment Through Mentoring

Matthew S. Howard, MSN, RN, CPN, CPEN, CEN

Sunday Schedule

10:15-11:00 a.m.
(1015-1100)
Room 112
Session: M 09
Evidence-Based Practice Session
Keyword: INRC18M09

Organ Donation and Procurement Strategies
International Operating Room Nurses' Lived Experiences in Organ Procurement Surgery: A Phenomenological Study
Weili Gao, MN, BN (Hons), RN; Virginia Plummer, PhD, RN, RM, GCHPE, CertCritCare, BN, GradDipHlthAdmin, MSc (Hlt); and Lisa McKenna, PhD
Evaluation of a Standardized Pre-Donor Management Clinical Practice Guideline
Halli B. Carr, DNP, RN, ACNP-BC; Karen M. Ardisson, DNP, RN, ACNP-BC; Terri L. Allison, DNP, RN, ACNP-BC, FAANP; and Leena Choi, PhD



10:15-11:00 a.m.
(1015-1100)
Room 203
Session: M 10
Evidence-Based Practice Session
Keyword: INRC18M10

Global Health Promotion Interventions
Technology-Based Health Intervention With At-Risk Teens in Domestic Violence Shelters: A Pilot Study
Carolyn Smith, PhD, RN; Donna Martsof, PhD, RN, FAAN; and Claire Draucker, PhD, RN, FAAN
Community Genogram: An Innovation to Guide Health Promotion and Risk Reduction Interventions in Rural Thailand
Naruemol Singha-Dong, PhD; April Bigelow, PhD; Michelle Pardee, DNP; Sornchai Thanjaroen, SN; Sataporn Danrabiab, SN; Orathai Chapthaisong, SN; Supamas Khammoon, SN; Somrutai Tochaiyaphum, SN; Wijitra Sanudchai, SN; Pornsiri Krudsungnoen, SN; and Rattanon Ramhan, SN

10:15-11:00 a.m.
(1015-1100)
Room 204
Session: M 11
Rapid Discussion Session
Keyword: INRC18M11

Rapid Discussion Session

RSC3.439 *Nurses' Practices With Blood Transfusions: Web-Based Instrument Development*
Rebecca Aulbach, PhD, RN-BC, ACNS-BC, CPHQ

RSC3.455 *Role Modeling in Nursing Leadership Skills of Graduate Education: Professional Formation and Reflection*
Fang-yu Chou, PhD, RN

RSC3.477 *Development of Self-Management Program Using Smartphone Application for Korean Patients With Chronic Hepatitis B*
Yeonsoo Jang, PhD

Concurrent Sessions N

11:15 a.m.-noon
(1115-1200)
Room 103
Session: N 01
Special Session
Keyword: INRC18N01

Sigma Theta Tau International: A Year of Advances
Cynthia Vlasich, MBA, BSN, RN
The global initiatives department focuses on five key strategies: global expansion; the Global Advisory Panel on the Future of Nursing & Midwifery (GAPFON®); relationship building; member engagement; and member growth. This session will include discussion on Sigma's global initiatives and invite dialogue on efforts to enhance member growth and engagement.

11:15 a.m.-noon
(1115-1200)
Room 104
Session: N 02
Research Session
Keyword: INRC18N02

Preceptorships
Preceptor-Centric Program = Increase Commitment to Preceptor Role and Preceptor Advancement
Solimar Figueroa, PhD

11:15 a.m.-noon
(1115-1200)
Room 105
Session: N 03
Research Session
Keyword: INRC18N03

Rethinking Nursing Education
Time for Disruptive Innovation in Nursing Education? Survey Results of Selected Western US Nursing Programs
Carolyn Montoya, PhD; Marie I. Lobo, PhD, RN, FAAN; Blake Boursaw, MS, BMS; and Jeffery Dubinski-Neessen, MS
Technology Enhanced Pedagogy: Exploration of Faculty Adaptation to iPad Delivery Curriculum
Melissa A. Stec, DNP, CNM, APRN, FACNM, FANN; and Carolyn Smith, PhD, RN



11:15 a.m.-noon
(1115-1200)
Room 106
Session: N 04
Research Session
Keyword: INRC18N04

Cancer Survivorship
Implementation of Survivorship Care Plans in an Oncology Clinic
Sheryl Marckstadt, PhD, RN, CNP, NP-C, FNP-BC; and Michelle Lynn Abraham, DNP, MSN, BSN, BSBA
Breast Cancer Survivors' Perceptions of Partners' Intervention Needs
Andrea A. Cohee, PhD, RN; and Shelley A. Johns, PsyD, ABPP

Sunday Schedule

<p>1:30-2:15 p.m. (1330-1415) Room 109</p> <p>Session: O 06 Evidence-Based Practice Session</p> <p>Keyword: INRC18006</p>	<p>Transitioning in the Workplace <i>Innovations in Perioperative Postgraduate Education Utilising Work Integrated Learning</i> Kylie P. Russell, PhD, RN; and Tracey H. Coventry, PhD, RN, RM</p> <p><i>Growing Practice Leaders Through Investments in Education and Mentorship</i> Rani Srivastava, PhD, MScN, BN, RN; Margaret Gehrs, MScN, BSc (HK), CPMHN (C), RN; Gillian Strudwick, PhD, RN; and Kristin Cleverley, PhD, MSc, RN, CPMHN</p>
<p>1:30-2:15 p.m. (1330-1415) Room 110</p> <p>Session: O 07 Research Session</p> <p>Keyword: INRC18007</p>	<p>Innovations in Family Dynamics <i>Participatory Visual Thinking Strategies in Baccalaureate Nursing Education: Impact of Using Art to Define Family</i> Amber Vermeesch, PhD, MSN, FNP-C, RN, CNE; Meg Moorman, PhD, RN, WHNP-BC; Joane T. Mocerri, PhD, RN; and Susie L. Stragnell, MS, RN</p> <p><i>Using Health Information Technology to Reduce Disparities in Shared Decision Making About Birth After Cesarean</i> Allison Shorten, PhD; Robin Whittermore, PhD; and Brett Shorten, MCom, BA</p>
<p>1:30-2:15 p.m. (1330-1415) Room 111</p> <p>Session: O 08 Evidence-Based Practice Session</p> <p>Keyword: INRC18008</p>	<p>Depression and Chronic Conditions <i>Self-Reported Sexual Problems Predict Higher Levels of Depression, Anxiety, and Distress in Cancer Patients</i> Mary K. Hughes, MS</p> <p><i>Meditation and Secondary Prevention of Depression and Anxiety in Heart Disease: A Systematic Review</i> Angela Rao, BSN (Hons); Michelle DiGiacomo, PhD, MHSc (Hons), BA; Phillip J. Newton, PhD; Jane L. Phillips, PhD; and Louise D. Hickman, PhD, MPH, BN, RN</p>
<p>1:30-2:15 p.m. (1330-1415) Room 112</p> <p>Session: O 09 Evidence-Based Practice Session</p> <p>Keyword: INRC18009</p>	<p>Global Perspectives of Childbirth <i>Childbirth in the Perspective of the Ayangans in Aginaldo, Ifugao, Philippines</i> Carielle Joy Rio, PhD</p> <p><i>Motherhood Interrupted by the Biomedical Model: The Meaning of Childbirth at a Hospital in Peru</i> Blanca K. Loayza-Enriquez, MSN, RN; Aurora V. Zapata-Rueda, DSc, MSN, RN; Juan M. Leyva-Moral, PhD, MSc, BN, RN; Joan Elaine Edwards, PhD, RNC, CNS, FAAN; and Patrick Albert Palmieri, DHS, EdS, PGDip(Oxon), MBA, MSN, RN, CPHQ, CPHRM, FISQua, FACHE</p>
<p>1:30-2:15 p.m. (1330-1415) Room 203</p> <p>Session: O 10 Special Session</p> <p>Keyword: INRC18010</p>	<p>Special Session <i>Grants and Mentorship: A Mutually Beneficial Partnership</i> Lois S. Marshall, PhD, RN; and Matthew S. Howard, MSN, RN, CPN, CPEN, CEN</p> <p>This session will focus on developing a small grant for mentorship in organizations. Whether you need funding to develop, implement, and/or evaluate a mentorship program broadly, or whether you want to develop a specific mentorship program for individuals/groups to develop their skills in grant writing, this session will address both.</p>
<p>1:30-2:15 p.m. (1330-1415) Room 204</p> <p>Session: O 11 Research Session</p> <p>Keyword: INRC18011</p>	<p>Interprofessional Education <i>The Recovery-Based Interprofessional Distance Education (RIDE) Rotation: Final Report From Four Graduate Cohorts</i> Lora Humphrey Beebe, PhD, PMHNP-BC, FAAN; Marian W. Roman, PhD, APRN, CS; Hollie Raynor, PhD; Dixie Thompson, PhD; and Andrea Franks, PharmD</p> <p><i>Answering the Institute of Medicine's Call for Change in Nursing Practice</i> Tonya Rutherford-Hemming, EdD, RN, ANP-BC, CHSE; and Lori Lioce, DNP, FNP-BC, CHSE, FAANP</p>
<p>2:15-2:45 p.m. (1415-1445) Level 2 Foyer</p>	<p>Exhibit Viewing Afternoon Break</p>
<p>2:15-2:45 p.m. (1415-1445) Level 2, Melbourne Room 2</p>	<p>Poster Viewing Session 3D (Poster assignments are listed on pages 90-95. Poster floor plan layout is available on page 89.)</p>
<p>2:45-5:00 p.m. (1445-1700) Level 2, Melbourne Foyer</p>	<p>Exhibitor Move-Out</p>

Monday Schedule



8:30-9:45 a.m.

(0830-0945)

Room 107

Session: R 05

**Evidence-Based
Practice Symposium**

Keyword: INRC18R05

Symposium

Fostering International Collaboration Through Evidence Synthesis and Implementation

J. Dru Riddle, PhD, CRNA; Lisa J. Hopp, PhD, RN, FAAN; Susan W. Salmond, EdD, RN, ANEP, FAAN; and Craig Lockwood, PhD, MNSc, RN

Fostering International Collaboration Through Evidence Synthesis and Implementation

Lisa J. Hopp, PhD, RN, FAAN

Exploring Facilitators and Barriers to International Collaboration: Building Capacity in Evidence Synthesis, Transfer, and Translation

Susan W. Salmond, EdD, RN, ANEP, FAAN

Insights into Global Collaboration for Building Capacity, Scholarship, and Impact in Evidence-Based Nursing

Craig Lockwood, PhD, MNSc, RN

8:30-9:45 a.m.

(0830-0945)

Room 109

Session: R 06

**Evidence-Based
Practice Symposium**

Keyword: INRC18R06

Symposium

Integrate Literature Review of Delirium, Dementia, Depression (3D) for Elderly People

Ya Lie Ku; Shu-Ming Chen; Hui-Ling Wang, PhD; and Li-Yu Chuang, RN

Integrated Literature Review of Delirium in Elderly Patients

Shu-Ming Chen

Integrated Literature Review of Communication Methods of Patients With Dementia

Hui-Ling Wang, PhD

Integrated Literature Review of Depression in Elderly People

Li-Yu Chuang, RN

8:30-9:45 a.m.

(0830-0945)

Room 110

Session: R 07

**Evidence-Based
Practice Symposium**

Keyword: INRC18R07

Symposium

Leveraging Evidence, Leadership, and Collaboration to Build Best Practice EBP Programs and Achieve Results

Bernadette Mazurek Melnyk, PhD, RN, CPNP/PMHNP, FAANP, FNAP, FAAN; Penelope F. Gorsuch, DNP, RN, ACNP-BC, CCNS, CCRN-K, NEA-BC; and Lynn Gallagher-Ford, PhD, RN, NE-BC, DPFNAP, FAAN

ARCC: An Evidence-Based, System-Wide Model for Implementation and Sustainability of Evidence-Based Practice

Bernadette Mazurek Melnyk, PhD, RN, CPNP/PMHNP, FAANP, FNAP, FAAN

Utilizing Evidence, Experience, and Intention to Build a Better EBP Program and Achieve Results

Penelope F. Gorsuch, DNP, RN, ACNP-BC, CCNS, CCRN-K, NEA-BC

Utilizing Expertise, Experience, and Lessons Learned to Build Effective EBP Programs That Sustain

Lynn Gallagher-Ford, PhD, RN, NE-BC, DPFNAP, FAAN



8:30-9:45 a.m.

(0830-0945)

Room 111

Session: R 08

**Evidence-Based
Practice Symposium**

Keyword: INRC18R08

Symposium

Bridging the Theory-to-Practice Gap: An Innovative Approach Through Situated Thinking and Action

Garrett Chan, PhD, RN, FAAN; Erin McCalley, MS, RN, CCNS, CCRN; Edward Burns, MSN, RN, PCCN-K;

Lisa Muniz, MSN, MBA, RN; and Gisso Oreo, MSN, RN, CMSRN

Bridging the Theory-to-Practice Gap: An Innovative Program, Elevating Competency in Clinical Practice

Erin McCalley, MS, RN, CCNS, CCRN

Bridging the Theory-to-Practice Gap: Innovative Teaching-Learning Methodologies

Edward Burns, Jr., MSN, RN, PCCN-K

Bridging the Theory-to-Practice Gap: An Innovative Nurse Residency Program

Lisa Muniz, MSN, MBA, RN; and Edward Burns, Jr., MSN, RN, PCCN-K

Workshop-to-Workplace: Nursing Leadership in the Preceptor Role by Engaging Head-Hands-Heart

Gisso Oreo, MSN, RN, CMSRN



8:30-9:45 a.m.

(0830-0945)

Room 112

Session: R 09

**Evidence-Based
Practice Symposium**

Keyword: INRC18R09

Symposium

An Innovative Nurse-Led Intervention for Improving Women's Health: The Womens Wellness After Cancer Program (WWACP)

Charlotte Seib, PhD; Debra J. Anderson, PhD, RN, BA, GDNS (ed); Amanda M. McGuire, PhD, RN, DipAppSc (Nurs), BN, MAppSc (Res); and Janine Porter-Steele, PhD, RN

Utilizing a Nurse-Led Approach to Promoting Health-Related Quality of Life in Women After Cancer

Debra J. Anderson, PhD, RN, BA, GDNS (ed)

Lifestyle Modification to Reduce Risk of Chronic Disease in Women After Cancer

Amanda M. McGuire, PhD, RN, DipAppSc (Nurs), BN, MAppSc (Res)

Stress, Coping Appraisal, and Health Outcomes in Women After Cancer: Testing Competing Models

Charlotte Seib, PhD

Moving From Trials to Clinical Practice: Lessons Learned and Moving Forward

Janine Porter-Steele, PhD, RN

Monday Schedule

10:00-10:45 a.m.
(1000-1045)
Room 112
Session: S 09
Evidence-Based
Practice Session
Keyword: *DNRC18S09*

Older Adult Clinical Outcome Promotion
Effectiveness of Virtual Interactive Working Memory Training for Elderly Patients With Mild Cognitive Impairment
Kuei-Ru Chou, PhD, RN
Patient-Reported Outcome Measures and Test-Retest Reliability in Older Adults: A Systematic Review
Myung Sook Park, PhD; Kyung Ja Kang, PhD; Sun Joo Jang, PhD; and Sun Ju Chang, PhD, RN

10:45-11:00 a.m.
(1045-1100)
Level 1 Foyer

Coffee Break



11:00 a.m.-12:30 p.m.
(1100-1230)
Ground Level, Auditorium
Keyword: *DNRC18PLN3*

Plenary Session 3
Advancing Nursing and Midwifery Through Innovation and Leadership
Patricia E. Thompson, EdD, RN, FAAN, Retired Chief Executive Officer, Sigma Theta Tau International Honor Society of Nursing

Poster Session 2 Presentations

- 225 *Opposites Attract: A Unique Partnership Between Nursing and Construction Management Students*
Deborah Spoerner, DNP, MSN, RN, CPNP; Rebecca Johnson, MBA, RN, CPN; M. Erin Hoying, MSN, RN, CPN; and Abby Berg, MSN
- 226 *A Study of Good Governance of Head Nurses in General Hospitals*
Kaniththa Sripinkaew, MSN; and Wasinee Wisersith
- 227 *Child Wellness Day: An Interdisciplinary Community Engagement Service*
Sarah Wallace, MSN, RN, CPN, CNE; Azza Ahmed, DNSc, IBCLC, CPNP; Jennifer Coddington, DNP, MSN, RN, CPNP; and Deborah Spoerner, DNP, MSN, RN, CPNP
- 228 *Psychiatric Mental Health Advanced Practice Nurses Prepared During Their Academic Careers for Interprofessional Care Collaboration*
Kathy D. Wright, PhD, RN; and Gail E. Bromley, PhD, RN
- Invited Posters (INV2)**
- 229 *Aligning an Online Educational Activity With QSEN Competencies to Bridge the Leadership Practice Gap*
Sarah E. Abel, MSN, RN, CEN; Matthew S. Howard, MSN, RN, CPN, CPEN, CEN; and Elizabeth A. Madigan, PhD, RN, FAAN
- 230 *The Nurse Leadership Academy Experience: Taking Nursing Leadership to the Next Level!*
Karen M. Beranek, BSN, RN
- 231 *Improving International Educated Nurses' NCLEX-RN® First Attempt Pass Rates, Confidence, and Clinical Judgment*
Michele Steinbeck, MNSc
- 232 *Non-Nutritive Sucking, Oral Breast Milk, and Facilitated Tucking Relieve Preterm Infant Pain During Heel-Stick Procedures*
Jen-Jiuan Liaw, PhD, RN
- Research Posters (RSC2)**
- 233 *Effectiveness of a Suicide Prevention Gatekeeper Training Program With First-Year Nurse Anesthesia Residents*
Lavonne M. Adams, PhD, RN, CCRN; Monica Jenschke, PhD, CRNA; and Trung Nguyen, MA
- 234 *Family-Centered Care Theory: A Practice Theory*
Rodenick Navalta Agtarap, MAN, RN
- 234 *Promotion of Healthy Nutrition Knowledge Through a Girls' Health Camp*
Adejoke B. Ayoola, PhD, RN; Barbara Bosscher Timmermans, PhD, RN; Josephine Granner, BSN; Elise Veurink, BSN, RN; Donald Bryant; and Arlene Hoogewerf, PhD
- 235 *Topical Analgesics for Preventing Venipuncture Pain in Children*
Luis Manuel Cunha Batalha, PhD; and Matilde Correia, MSc
- 236 *Effective Cultural Competence Training Programs for Korean Public Health Workers: A Delphi Study*
Duckhee Chae, PhD, RN; and Jin-A Lee, MSN, RN
- 237 *Preliminary Assessment: Factors Related to Onset of Chronic Illness in Mexican American Children and Adolescents*
Jane Champion, PhD, DNP, MA, MSN, AH-PMH-CNS, FNP, FAAN, FAANP; Lynn Rew, EdD; and Kelsey Bergman, SN
- 238 *Disease-Related Experiences of Mothers on Parenting Children With Type 1 Diabetes*
Chi-Wen Chang, PhD, RN; Yueh-Tao Chiang, PhD; Hsing-Yi Yu, PhD; Ya-Fen Wang, PhD, MSN, RN; Fu-Sung Lo, PhD, MD; and Hui-Hsieh Hsieh, BSN
- 239 *The Application of Case-Based Learning Combined With Directed Debriefing in Experimental Course of Pediatric Nursing*
Hangjian Chen, MSN, RN
- 240 *Physical Activity, Sitting Time, and Duration of Sleep During Pregnancy in Association With Pregnancy Outcomes*
Li-Yin Chien, ScD, RN; Tzu-Ling Chen, MS; and Chen-Jei Tai, MD, PhD
- 241 *Association of Occupational Noise Exposure With Cardiovascular Diseases Among Career Firefighters in Northern California, USA*
Dal Lae Chin, PhD, RN; and OiSaeng Hong, PhD, RN, FAAN, FAAOHN
- 242 *The Lived Experience of LGBT Older Persons in a Geriatric Home Facility*
Pearl Ed G. Cuevas, PhD, MAN, RN, FGNLA
- 243 *Boosting Research Performance: Lessons Learned From External Scrutiny of Faculty Research, Culture, Strategies, and Approaches*
Philip Darbyshire, PhD; Maria Müllersdorf, PhD; and Christine Gustafsson, PhD
- 244 *Effects of Depression on Engagement in Health Promotion Behaviors Among Hispanic Women of Reproductive Age*
Giovanna De Oliveira, PhD, MSN, ARNP, ANP-C, PMHNP-BC; and Angel Johann Solorzano Martinez, DNP, MSN, MBA, RN, CNS
- 245 *Nutrition Literacy as Perceived by Thai Adolescents: A Qualitative Study*
Suhong Deesamer; and Noppawan Piaseu, PhD, RN, APN/NP
- 246 *A Human Becoming Living Experience of Suffering: A Parse Method Study*
Teodora Duarte-Quilao, MSN, RN; and Françoise Maillard Strüby, PhD, RN
- 247 *An Exploration Into Infant Feeding Practices of Asian Women in the Greater Lowell Area*
Carol L. Femia, MSN, RNC, IBCLC
- 248 *Holistic Admissions: An Evidence-Based Strategy to Diversify Global Nursing Education*
Greer L. Glazer, PhD, RN, CNP, FAAN; Karen D. Bankston, PhD, MSN, BSN, AAS, FACHE; and Angela K. Clark, PhD, MSN, BSN, RN



附件二：海報展示及與會相關照片

(一)海報展示內容(二)與會相關照片

Non-Nutritive Sucking, Oral Breast Milk, and Facilitated Tucking Relieve Preterm Infant Pain during Heel-Stick Procedures: A Prospective Randomized Controlled Trial

Jen-Inan Liaw^{1,2}, Luke Yang²

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Background

Preterm infant pain can be relieved by combining use of non-nutritive sucking (sucking), oral sucrose, and facilitated tucking (tucking), but overuse of sucrose in preterm infants may lead to various complications. Therefore, we examined the effects of combined use of oral expressed breast milk (breast milk) with non-nutritive sucking and tucking on preterm infants' procedural pain.

Hypotheses

- Preterm infants receiving NNS+breast milk+tucking or NNS+breast milk and after heel-stick during procedures would have lower pain scores and odds ratios for pain and moderate-to-severe pain than those receiving routine care.
- The analgesic effects of NNS+breast milk+tucking would be greater than the analgesic effects of NNS+breast milk.

Methods

Design: A prospective, randomized controlled trial.

Settings: Level III neonatal intensive care unit and a neonatal unit at a medical center in Taipei.

Participants/Subjects: Preterm infants ($N=109$, gestational age 29–37 weeks, stable disease condition) needing procedural heel sticks were recruited by convenience sampling and randomly assigned to three treatment conditions: routine care, sucking + breast milk, and sucking + breast milk + tucking.

Methods: Pain was measured by watching video recordings of infants undergoing heel-stick procedures and scoring pain at 1-minute intervals with the Premature Infant Pain Profile. Data were collected over eight phases: baseline (phase 1, 10 min without stimuli before heel stick), during heel stick (phases 2 and 3), and a 10-minute recovery (phases 4–7).

Study Results

Infants receiving sucking + breast milk + tucking or sucking + breast milk had significantly lower mean pain scores during heel sticks (6.21 and 6.41, respectively) than those receiving routine care (8.52).

Infants receiving sucking + breast milk during heel stick had significantly lower pain than infants receiving routine care at all heel-stick phases except phase 7.

Infants receiving sucking + breast milk + tucking had significantly lower pain than infants in the control condition across eight heel-stick phases.

Among infants receiving sucking + breast milk + tucking and sucking + breast milk, pain (pain score ≥ 6) was 66.0% and 68.7% significantly lower, respectively, and moderate-to-severe pain (pain score ≥ 12) was 67.4% and 95.7% lower, respectively, than that of infants receiving routine care.

Conclusions

- The combined use of sucking + breast milk + tucking and sucking + breast milk effectively reduced preterm infant pain and moderate-to-severe pain during heel-stick procedures.
- Adding facilitated tucking helped infants recover from pain across eight phases of heel-stick procedures.
- Our findings advance knowledge on the effects of combining use of breast milk, sucking, and tucking on preterm infants' procedural pain.

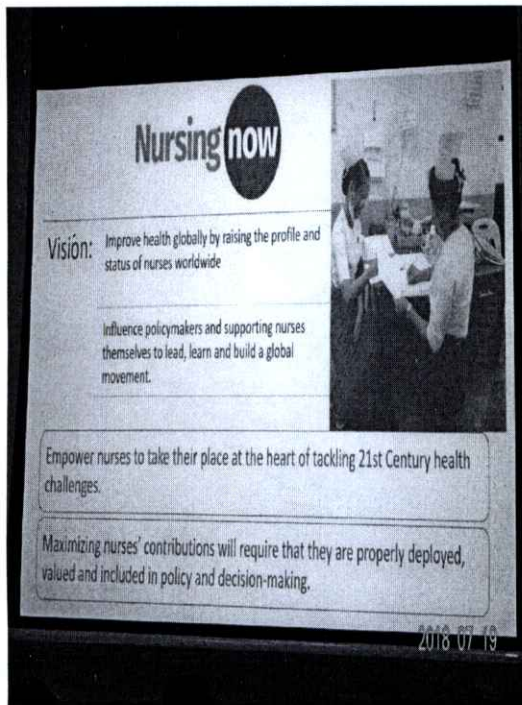
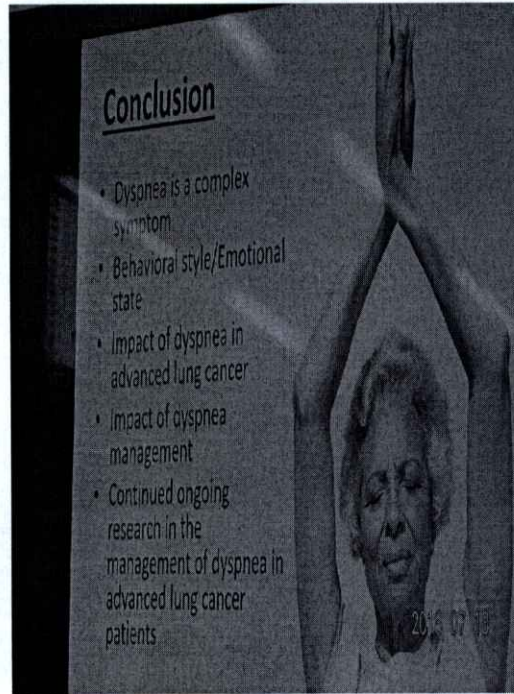
Table 1. Characteristics of infants in the control, NNS+BM, and NNS+BM+FT conditions (N=109)


Characteristic	Control, n (%)	NNS+BM, n (%)	NNS+BM+FT, n (%)	T	P
Gender (male)	51 (46.8)	51 (46.8)	51 (46.8)	0.02	0.97
GA (weeks)	31.02±0.32	31.02±0.34	31.02±0.31	0.21	0.81
Birth weight (kg)	1530.7±105.56	1529.5±104.06	1529.5±104.06	0.01	0.98
Body weight during heel stick procedure (g)	1540.0±102.0	1540.0±102.0	1540.0±102.0	0.11	0.89
Age (days)	12.02±0.23	12.02±0.24	12.02±0.24	0.25	0.79
Time from previous feeding (minutes)	18.1±10.8	17.1±10.4	16.7±10.5	0.53	0.59
Number of pain procedures	63.2±11.3	62.0±10.3	62.0±10.3	0.04	0.83
NNS time	0.0±0.1	0.0±0.1	0.0±0.1	0.02	0.76
Age start 1 min	5.9±1.0	5.8±1.0	5.8±1.0	0.04	0.81
Age end 1 min	12.0±0.5	12.0±0.5	12.0±0.5	0.05	0.84

Table 2. Characteristics for moderate-to-severe pain during heel-stick procedures for the three conditions by heel-stick phases (N=109)

Variable	B	SE	Wald Chi-square	P	95% Confidence Interval	
					Lower	Upper
Condition effects						
Conditions vs. Conditions	0.010	0.194	0.003	0.957	-0.384	0.373
Conditions vs. Conditions	0.047	0.214	0.046	0.830	-0.341	0.473
Phase effects						
Phase vs. Phase	1.283	0.350	6.365	0.012	0.584	2.279
Phase vs. Phase	1.197	0.404	6.127	0.013	0.249	2.145
Phase vs. Phase	1.633	0.351	11.892	0.001	0.864	2.462
Phase vs. Phase	2.626	0.243	12.204	<0.001	1.170	4.081
Phase vs. Phase	3.483	0.280	19.424	<0.001	1.833	5.213
Phase vs. Phase	6.913	0.285	71.520	<0.001	3.353	10.470
Phase vs. Phase	5.626	0.224	93.823	<0.001	4.139	7.112
Interaction effects						
Conditions* phase	-0.21	0.365	13.433	<0.001	-3.328	-1.113
Conditions* phase	-1.183	0.378	4.049	0.044	-2.299	-0.630
Conditions* phase	-1.469	0.268	3.064	0.044	-2.797	-0.202
Conditions* phase	-1.770	0.405	4.146	0.042	-3.673	-0.066
Conditions* phase	-1.686	0.319	3.223	0.073	-3.328	-0.115
Conditions* phase	-3.644	1.028	12.553	<0.001	-1.660	-5.628
Conditions* phase	-1.832	0.364	7.228	0.007	-3.583	-0.719
Conditions* phase	-1.432	0.669	4.728	0.030	-3.763	-1.102
Conditions* phase	-0.264	0.247	0.848	0.346	-1.147	0.360
Conditions* phase	-1.483	0.800	3.333	0.067	-3.083	-0.104
Conditions* phase	-2.371	0.907	6.264	0.022	-4.192	-0.553
Conditions* phase	-2.812	1.018	7.824	0.006	-4.804	-0.817
Conditions* phase	-4.362	0.765	18.718	<0.001	-5.332	-3.355
Conditions* phase	-2.834	0.277	7.573	0.006	-4.310	-1.758
Interactions						
Conditions* phase* phase	0.222	0.263	9.334	0.004	0.340	0.304
Conditions* phase* phase	0.710	0.112	40.047	<0.001	0.486	0.934

Data Collection Timelines






Northern Illinois University

Utilization of Smart Phones for Increasing Lifestyle Physical Activity in South Asian Indian Immigrant Women

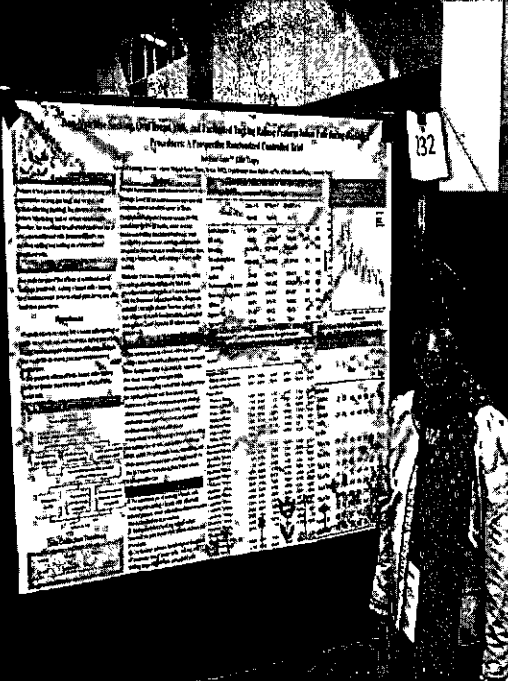
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