

CURRICULUM VITAE

Jean Hannan, PhD, ARNP, FAAN
FIU Nicole Wertheim College of Nursing & Health Sciences

DEGREES

| | | |
|----------------|---|------|
| PhD in Nursing | Florida International University, Miami, FL | 2010 |
| MSN | Florida International University, Miami, FL | 2001 |
| BSN | Florida International University, Miami, FL | 1987 |

EMPLOYMENT HISTORY

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| 2017-Present | Associate Professor, Nicole Wertheim College of Nursing & Health Sciences, Florida International University (FIU), Miami, FL |
| 2011-2017 | Assistant Professor (Tenure Earning), Nicole Wertheim College of Nursing & Health Sciences, Florida International University (FIU), Miami, FL |
| 2008 - 2010 | Co-Project Manager, <i>Death in the PICU/NICU: Parent & Family Functioning</i> . PI: J Youngblut, Co-PI: D Brooten. FIU, Miami, FL |
| 2006 - 2007 | Project Manager, <i>Grandchild Death: Grandparent Health & Functioning</i> . PI: J Youngblut, Co- PI: D Brooten. FIU |
| 2005 - 2007 | Project Manager, <i>High Risk Pregnancy, Patient Problems and APN Interventions</i> . PI: D Brooten, Co-PI: J Youngblut. FIU, Miami, FL |
| 1988 - 2010 | Nurse Practitioner, Jackson Memorial Hospital, Newborn ICU /Pediatric ER. Miami, FL. |
| 1987 - 1988 | Staff Nurse, Jackson Memorial Hospital, Newborn ICU, Miami FL. |

PUBLICATIONS

1. Etowa, J. Babatunde, S. **Hannan, J.** Etowa, EB. Mkandawire, P. Loemba H. Phillips JC (2021) Motherhood among Black women living with HIV: A “north-south” comparison of sociocultural and psychological factors. *Health Care for Women International*. doi: 10.1080/07399332.2020.1867858.
2. **Hannan J,** Etowa JB, Babatunde S, Stephens C, Barfield L, Galarza MG, Alharbi MM, Reid V, Etowa EB, Phillips JC. (2021). Determinants of Adherence to National Infant Feeding Guidelines by Black Mothers Living with HIV. *Ethnicity & disease*, January 25; 31(1):31. doi: 10.18865/ed.31.1.31
3. Etowa, J., Etowa, E., Nare, H., Mbagwu, I., & **Hannan, J.** (2020). Social Determinants of Breastfeeding Preferences among Black Mothers Living with HIV in Two North American Cities. *International Journal of Environmental Research and Public Health*, 17(18), 13. <https://www.mdpi.com/1660-4601/17/18/6893/htm>

4. Etowa JB., **Hannan J.**, Babatunde S., Etowa EB., Mkandawire P., Phillips JC. (2020). HIV-related stigma among Black mothers in two North American and one African cities. *Journal of racial and Ethnic Health Disparities*. Online ahead of print. doi: 10.1007/s40615-020-00736-4.
5. Phillips JC., Etowa J., **Hannan J.**, Etowa EB, Babatunde S., Etowa JB (2020). Infant feeding guideline awareness among mothers living with HIV in North America and Nigeria. *International Breastfeeding Journal*. 15(1):27. doi: 10.1186/s13006-020-00274-z.
6. **Hannan J.**, Sanchez G., Musser ED., Ward-Pertesen M., Azutillo E., Garcia Lara E., Luna AM., Galynker I. & Foster A. (2019). Role of empathy in the perception of medical errors in patient encounters: A preliminary study. *BMC Research Notes*. 12, 327. doi:10.1186/s13104-019-4365-2.
7. Etowa EB., **Hannan J.**, Phillips JC., Babatunde S., Etowa JB. (2020). City-level North-South Comparison of Determinants of National Infant Feeding Guideline Adherence by Black Mothers Living with HIV. *Ethnicity & Disease*. (Accepted, in press)
8. Choi K, Alhusen JL, Records K, Kenner C, Rosen Bloch J, Sadrudin Premji S, **Hannan JL**, Anderson CM, Yeo S. (2020). Maternal-infant health nursing in the COVID-19 pandemic: Recommendations for mental health promotion and trauma-informed care. *Journal of Obstetric, Gynecologic, & Neonatal Nursing.*, 49(5), 409–415. [https://www.jognn.org/article/S0884-2175\(20\)30115-5/fulltext](https://www.jognn.org/article/S0884-2175(20)30115-5/fulltext) (Critical Commentary).
9. Etowa J., MacDonnald S., **Hannan J.**, Phillips J.C., Boadu N.Y., Babatunde S. (2018). Socio-cultural factors influencing infant feeding choices among African immigrant women living with HIV: A synthesis of the literature. *Journal of the American Association of Nurse Practitioners*, 30(4):208-235. doi: 10.1097/JXX.0000000000000014.
10. **Hannan J**, Brooten D, Page T, Galindo A. & Torres M. (2016). Low-income First-Time Mothers: Effects of APN Follow up using Mobile Technology on Maternal and Infant Outcomes. *Global Pediatric Health*, 3, 1-10. doi:10.1177/2333794X16660234.
11. **Hannan, J.**, Brooten, D., Youngblut, J.M., & Galindo, A. (2016). Comparing mothers' postpartum concerns in 2 clinical trials 18 years apart. *Journal of the American Academy of Nurse Practitioners*, 28(11), 604-611. doi: 10.1002/2327-6924.12384. PMC in progress.
12. **Hannan, J.**, Alce, M., & Astros, A. (2016). Psychometric properties of the newly translated Creole Multidimensional Scale of Perceived Social Support (MSPSS) and Perceived Adequacy of Resource Scale (PARS) and the relationship between perceived social support and resources in Haitian mothers in the US. *BMC Psychology*, 4(7), 1-9. doi 10.1186/s40359-016-0113-8.
13. Chavez, H., Garcia, T.M., Darko, R., Sakers, C., & **Hannan, J.** (2016). Epidemiology of the critically ill child in the resuscitation bay. *Pediatric Emergency Care*, (2016 Mar 18. [Epub ahead of print]). Doi 10.1097/PEC.0000000000000682.

14. **Hannan, J.**, Diaz, G., Valcourt, M., & Pena-Castillo, R. (2016). Psychometric properties of newly translated Creole Perceived Stress Scale and Daily Hassles Scale. *Journal of Nursing Measurement, 24*(2), 1-12. doi.org/10.1891/1061-3749.24.2.1.
15. Brooten, D., Youngblut, J.M., **Hannan, J.**, Caicedo, C., Roche, R., & Malkawi, F. (2015). Infant and child deaths: Parent concerns about subsequent pregnancies. *Journal of the American Association of Nurse Practitioners, 27*(12), 690-697. doi: 10.1002/2327-6924.12243. PMC 4567515
16. **Hannan, J.**, Youngblut, J.M., Brooten, D., Bazzani, D., Romero, N.R., Chavez, B.C., & Picanes, J. A. (2015). Psychometric properties of newly translated Spanish Life Events Inventory and Daily Hassles Scale. *Journal of Nursing Measurement, 23*(2), 315-25. doi: 10.1891/1061-3749.23.2.315.
17. **Hannan, J.** (2014). Newborn morbidities and health charges: The first 8 weeks. *Pediatric Nursing, 40*(3), 121-126. PMID: 25134225.
18. **Hannan, J.** (2014). Minority mothers' health care beliefs, commonly used alternative health care practices and their potential complications on infants and children. *Journal of the American Association of Nurse Practitioners, 27*(6), 338-48. doi: 10.1002/2327-6924.12153.
19. **Hannan, J.**, Brooten, D., Youngblut, J.M., Hidalgo, I., Roche, R., & Seagrave, L (2014). Physical activity and stress in adult Hispanics. *Journal of the American Association of Nurse Practitioners, 27*(2), 79-86. doi:10.1002/2327-6924.12127.
20. **Hannan, J.** (2012). APN telephone follow up to low-income first time mothers. *Journal of Clinical Nursing, 22*(1-2), 262–270. doi: 10.1111/j.1365-2702.2011.04065.x
21. Brooten, D., Youngblut, J.M., **Hannan, J.**, & Guido-Sanz, F. (2012). The impact of interprofessional collaboration on the effectiveness, significance and future of APNs. *Nursing Clinics of North America, 47*(2), 283-294. doi: 10.1016/j.cnur.2012.02.005.
22. Brooten, D., Youngblut, J.M., Golembeski, S., Magnus, M.H., & **Hannan, J.** (2012). Perceived weight gain, risk, and nutrition in pregnancy in 5 racial groups. *Journal of the American Academy of Nurse Practitioners, 24*(1), 32–42. doi: 10.1111/j.1745-7599.2011.00678.x
23. Brooten, D., Youngblut, J.M., **Hannan, J.**, Guido-Sanz, F., Neff, D.F., & Deoisres, W. (2012). Health problems and APN interventions in pregnant women with diabetes. *Pacific Rim International Journal of Nursing Research, 16*(2), 85-96. PMC 3961487
http://61.19.69.198/ULIB/_fulltext/serialcontent/13399108321/20120712150232_4176.pdf
24. Youngblut, J.M., Brooten, D., Blais, K., **Hannan, J.**, & Niyonsenga, T. (2010). Grandparent health and functioning after a grandchild's death. *Journal of Pediatric Nursing, 25*(5), 352-359. doi: 10.1016/j.pedn.2009.02.021. PMC 2936719
25. Brooten, D., Youngblut, J.M., Donahue, D., Hamilton, M., **Hannan, J.**, & Neff, D.F. (2007). Women with high-risk pregnancies, problems, and APN Interventions. *Journal of Nursing Scholarship 39*(4), 349-357. DOI: 10.1111/j.1547-5069.2007.00192.x PMC 3532049

Publications in Review:

1. Etowa, J., **Hannan, J. L.**, Etowa, E., Babatunde, S., & Phillips, J. C. (2020). Determinants of infant feeding practices among Black mothers living with HIV: A multinomial logistic regression. *BMC Public Health*. (in review).
2. Sherman, D. W., Flowers, M., Alfano, A., De Los Santos, M. I., Evans, H. J., Munecas, T., ... Hannan, J. Walsh, S. (2020). An Analytical and Integrative Literature Review of the Structure, Process, and Outcomes of Interprofessional Collaboration in Healthcare Education. *Journal of Interprofessional Care*. (in review).
3. Babatunde S., Tella T., Tobin A., Anyiam FE., Umo-Otong J., Nkwocha C., Onyekwere N., Phillips JC., **Hannan J.**, Etowa J., (2019). 'I still doubted, until I followed all their instructions': A qualitative assessment of adherence to National Policy on infant feeding among women living with HIV in Port Harcourt, Nigeria. *AIDS Care*. (in review).

Book Chapter:

2019: Hannan, J, Mark Fonseca, Edgar Garcia Lara, Mercedes Braithwaite, Faith Irving, Elizabeth Azutillo. Coaching nurses to care: Empathetic communication in challenging situations. *Teaching Empathy: Building a core competency for healthcare education*. Editors: Foster, Adriana E., Yaseen, Zimri S. (Eds.) Abstract: Empathy, an essential component of a caring patient/nurse relationship, is critical to quality care delivery. Empathetic communication is especially important in very difficult emotionally intense environments where there is severe illness and/or life-threatening situations (e.g., intensive care, emergency room). Studies have shown nurses in emotionally intense environments rarely respond with empathy because these busy intense environments make empathetic communication challenging. However, many nurses lack empathy training, which is a major contributor to high burnout rates. Research indicates nurses seek empathy training to communicate more effectively with patients/parents/family in difficult situations. Such training has the potential to improve quality care delivery, patient safety, and decrease burnout. Springer publication November 2019

PRESENTATIONS

1. Hidalgo, I., Youngblut, J.M., Brooten, D., **Hannan, J.**, Bauman, W. (2021) "Children's Spiritual Coping and its Effects on Children's Grief, Personal Growth, and Mental Health 2-24 Months after the Death of a Parent, Grandparent, Sibling". Association of Pediatric Nurse Practitioners (NAPNAP) 42nd National Virtual Conference on Pediatric Health Care. March 2021.
2. Etowa, E. B., Phillips, J. C., **Hannan, J.** & Etowa, J. (2021, May). Associations between social capital indicators and negative psychosocial outcomes among mothers living with HIV. Abstract presented at Canadian Association of Nurses in AIDS Care Virtual Conference.
3. Babatunde, S., Tella, AO., Tobin, A., Umo-Otong, J., Anyiam, FE., Nkwocha, C., Onyekwere, N., Etowa, EB., J. Craig Phillips, JC., **Hannan, J.** & Etowa, J. (2020). Disclosure of HIV

- status: Rates, correlates and experiences among mothers of African descent in three countries. Powerpoint presentation at the Nigeria-Diaspora Biomedical Research Virtual Summit. July 1-3, 2020.
4. Hidalgo, I. M., Youngblut, J. M., Brooten, D. A., **Hannan, J. L.**, & Bauman, W. A. (2020). Children's Spiritual Coping and its Effects on Children's Grief, Personal Growth, and Mental Health 2-24 Months after the Death of a Parent, Grandparent, or Sibling. In *10th Annual South Region Florida Nurses Association Symposium and Awards Ceremony*. Hallandale Beach, FL (Conference cancelled).
 5. Hidalgo, I. M., Youngblut, J. M., Brooten, D. A., **Hannan, J. L.**, & Bauman, W. A. (2020). Children's Spiritual Coping and its Effects on Children's Grief, Personal Growth, and Mental Health 2-24 Months after the Death of a Parent, Grandparent, or Sibling. In *Southern Nursing Research Society 2020 Annual Conference Inclusivity in Science to Address Diverse Healthcare Needs*. New Orleans, LA. <https://snrs.org/snrs-2020-annual-conference>. (Conference canceled).
 6. Etowa, J., Babatunde, S., **Hannan, J.** Phillips, J. C., and Etowa E.B. (2019). Psychosocial Perspectives of Motherhood among Black Women Living with HIV: A Multi-Country Analysis. Paper presented at the 30th International Nursing Research Congress of Sigma Theta Tau International Honor Society of Nursing in Calgary, Alberta July 25-29, 2019.
 7. Etowa, J., Babatunde, S., **Hannan, J.** Phillips, J. C., & Etowa E.B. (2019). Determinants of Infant Feeding Practices among HIV+ Black Mothers: Multi-country Logistic Regression Analysis. Oral Abstract presentation at the CPHA Public Health 2019 Conference, Ottawa, Canada, 30 April - 2 May 2019.
 8. Etowa, J., Babatunde, S., **Hannan, J.** Phillips, J. C., & Etowa E.B, Ekanem, E. and Inoua. H. (2019). Stress and Mental Health of Black Mothers Living with HIV in the Context of Infant Feeding: A Community Based Participatory Research. Poster Abstract presentation at the CPHA Public Health 2019 Conference, Ottawa, Canada, 30 April - 2 May 2019.
 9. Etowa, J., **Hannan, J.** Etowa, E.B., Phillips, J. C. Babatunde, S (2019). Determinants of Adherence to National Policies on Infant feeding among HIV+ Black Mothers: A multi-country logistic analysis. Paper presented at Community Health Nursing Conference (CHNC)- May 27-29, 2019 at St. Johns, New Brunswick.
 10. Tella, O., Anyiam, E. F., Umo-Otong, J., Nkwocha, C., Onyekwere, N., Phillips, C., ... **Hannan, J.** Babatunde, S. (2019). Adherence to National Policy on Infant Feeding among Women Living with HIV in Port Harcourt, Nigeria: A Qualitative Assessment. 35th Scientific Conference of the Association of Public Health Physicians of Nigeria, Oral presentation January 27th. Enugu, Nigeria.
 11. Rios, C., Cosner, C., Foster, A. E., **Hannan, J. L.**, & Luna, A. (2019). Virtual Patients for Empathy Training and Eliciting the Social Determinants of Health in Interprofessional Education. Presented at the UM's Miller School of Medicine's Eastern-Atlantic Student Research Forum (ESRF), Miami, Florida.

12. **Hannan J.**, Egbe B., Babatunde S., Etowa J. HIV+ Mothers Knowledge of Infant Feeding Guidelines. November 2nd, 2018. Poster presentation. American Academy of Nursing, 2018 Transforming Health, Driving Policy Conference; Washington, DC.
13. Etowa, J., **Hannan, J.**, Phillips, JC. *Examining HIV Related Stigma Among Childbearing Women of African Descent*. October 11, 2018. Paper presentation. The 8th CAPWHN National Conference in Ottawa, Ontario.
14. Etowa JB., **Hannan J.**, Babatunde S., Phillips, JC. *Effects of Socio-Cultural Factors on Infant Feeding with Black African Immigrant Mothers living with HIV*. June 27, 2017. Paper presentation. Healthy Start coalition of Miami Dade: RPICC Session Jackson Health Systems, Miami Florida.
15. Etowa JB., **Hannan J.**, Babatunde S., Phillips, JC., & Kohoun, B. *Community engagement to explore mothering and infant feeding practices among Black women living with HIV*. November 2017. Paper presentation. Sigma Theta Tau International 44st Biennial Convention Indianapolis, Indiana.
16. Etowa JB., **Hannan J.**, Babatunde S., Phillips, JC. *Effects of Socio-Cultural Factors on Infant Feeding with Black African Immigrant Mothers living with HIV*. November 2017. Paper presentation. Sigma Theta Tau International 44st Biennial Convention, Indiana.
17. **Hannan, J.**, Brooten, D., Torres, M., & Galindo, A. (2016, February). *Effects of APN follow up using mobile technology on maternal and infant outcomes and healthcare costs*. Paper presented -30th Southern Nursing Research Society Annual Conference, Williamsburg, VA.
18. Etowa, J., Phillips, J.C., **Hannan, J.**, & Galarza, M. (2016, October). Community based project on mothering and infant feeding with Black women living with HIV: A three country study. Paper presented at the Health Promotion Ontario (HPO) Conference. Ottawa, Ontario.
19. **Hannan, J.**, Brooten, D., & Galindo, A. (2015, November). *Comparing mothers' postpartum concerns over time*. Paper presented at the Sigma Theta Tau International 43st Biennial Convention, Las Vegas.
20. **Hannan, J.** (2015, November). *Newborn follow up care in low-income first-time mothers*. Poster presented at the Sigma Theta Tau International 43st Biennial Convention, Las Vegas.
21. **Hannan, J.**, Brooten, D., Galindo, A., & Goldin, D. (2015, February). *Comparing mothers' postpartum concerns over time*. Paper presented at the 29th Southern Nursing Research Society Annual Conference, Tampa.
22. **Hannan, J.** (2015, February). *Newborn follow up care in low-income first-time mothers*. Poster presented at the 29th Southern Nursing Research Society Annual Conference, Tampa.
23. **Hannan, J.** (2014, February). *Psychometric properties of newly translated Creole version of the Multidimensional Scale of Perceived Social Support (MSPSS)*. Poster presented at the

28th Southern Nursing Research Society Annual Conference, San Antonio.

24. Brooten, D., Youngblut, J.M., **Hannan, J.**, Caicedo, C., Malkawi, F., & del Moral, T. (2014, February). Subsequent pregnancies and parent concerns after infant and child deaths. Paper presented at the 28th Southern Nursing Research Society Conference, San Antonio.
25. **Hannan, J.** (2013, February). *Minority mothers' health care beliefs, commonly used alternative healthcare practices and their potential complications on infants and children.* Poster presented at 27th Southern Nursing Research Society Conference, Little Rock, AK.
26. **Hannan, J.**, Brooten, D., Youngblut, J.M., Hidalgo, I., Roche, R., & Seagrave, L. (2013, February). *Physical activity and stress in adult Latinas.* Poster presented at the 27th Southern Nursing Research Society Conference, Little Rock, AK.
27. **Hannan, J.** (2012, October). *Newborn morbidities and health charges: The first 8 weeks.* Poster presented at the 30th FIU Nursing Research Symposium. Miami, FL.
28. **Hannan, J.** (2012, September). *Newborn morbidities and health charges: The first 8 weeks.* Poster presented at the 13th Pan American Nursing Research Colloquium, Miami Beach, FL.
29. **Hannan, J.**, Brooten, D., Youngblut, J.M., Hidalgo, I., Roche, R., & Seagrave, L. (2012, September). *Physical activity and stress in adult Latinas.* Paper presented at the 13th Pan American Nursing Research Colloquium. Miami Beach, FL.
30. Hawthorne, D., Youngblut, J.M., Brooten, D., **Hannan, J.**, Blais, K., & Seagrave, L. (2012, February). *Grandparent health & functioning after a grandchild's death.* Symposium at the 26th Annual Southern Nursing Research Society Conference, New Orleans.
31. Youngblut JM, Brooten D, Seagrave L, **Hannan J**, Hawthorne D. (2011). *Parent functioning after the ICU death of a child.* Paper presented STTI 41st Biennial, Grapevine, TX.
32. Brooten, D., Youngblut, J.M., **Hannan, J.**, Guido-Sanz, F., & Neff, D. (2011, October). *Pregnant women with diabetes: Health problems, APN interventions in 2 models of APN transitional care.* Paper presented at the Sigma Theta Tau International 41st Biennial convention, Grapevine, TX.
33. **Hannan, J.** (2011, April). *Low income minority first time mothers' infant health care problems: Effects of APN interventions.* Paper presented at Baptist Health Systems, Miami Beach, FL.
34. **Hannan, J.** (2011, April). *Low income minority first time mothers' infant health care problems: Effects of APN interventions.* Paper presented at Florida Nurses Association. Davie, FL.
35. Brooten, D., Youngblut, J.M., **Hannan, J.**, Guido-Sanz, F., & Neff, D.F. (2011, February). *Pregnant women with diabetes: Health problems, APN interventions in 2 models of APN*

transitional care. Poster presented at the 25th Annual Conference of the Southern Nursing Research Society, Jacksonville, FL.

36. Youngblut, J.M., Brooten, D., Seagrave, L., Charles, D., Hawthorne, D. & **Hannan, J.** (2011, February). *Parents' functioning 1-2 months after the ICU death of a child*. Poster presented at the 25th Annual Conference of the Southern Nursing Research Society, Jacksonville, FL.
37. Brooten, D., Youngblut, J.M., **Hannan, J.**, & Guido-Sanz, F. (2010, October). *Pregnant women with diabetes: Health problems, APN interventions in 2 models of APN transitional care*. Paper presented at the 4th Annual South Florida Research Consortium: Best Evidence from Research: The Gateway to Excellent Care. Miami, FL.
38. Youngblut, J.M., Brooten, D., Seagrave, L., Charles, D., Hawthorne, D. & **Hannan, J.** (2010, October). *Parents' functioning 1-2 months after the ICU death of a child*. Paper presented at the 4th Annual South Florida Research Consortium, Miami, FL.
39. **Hannan, J.** (2009, February). *Low income minority first time mothers' infant health care problems: Effects of APN interventions*. Poster presented at the 22nd Southern Nursing Research Society Annual Conference, Baltimore.
40. Brooten, D., Youngblut, J., **Hannan, J.** & Golembeski, S. (2008, July). *Weight gain and perceptions in pregnant Black, Hispanic, and White women*. Paper presented at the 19th International Nursing Research Congress Focusing on Evidence Based Practice, Singapore.
41. **Hannan J.** (2007). *Follow up care of low-income first-time mothers*. Paper presented at the 21st Annual Conference of the Southern Nursing Research Society, Galveston, TX.
42. **Hannan, J.** (2007, April). *Follow up care of low-income first-time mothers*. Paper presented at the 6th annual FIU College of Nursing and Health Sciences Research Day, Miami
43. Brooten D, Youngblut JM, Donahue D, Hamilton M, **Hannan J.** (2007, April). *High risk pregnancy, health problems, APN interventions*. Paper presented 6th annual FIU College of Nursing & Health Sciences Research Day conference, Miami.
44. Brooten, D., Youngblut, J., Donahue, D., Hamilton, M., & **Hannan, J.** (2007, June). *High risk pregnancy, health problems, APN interventions*. Paper presented at the 8th International Family Nursing Conference, Bangkok, Thailand.
45. Brooten, D., Youngblut, J.M., Donahue, D., & **Hannan, J.** (2006, November). *High risk pregnancy, health problems, APN interventions*. Poster presented at the annual American Academy of Nursing conference, Miami.

RESEARCH

Grants Submitted Waiting Notice.

- 2021: Hannan J. & Phillips JC. (PIs.) Sadjadi M, Jones S, Barfield L, Cain L. (Co- Is). Galarza G. Torres M. Quinn B. (consultants). Healthy Mothers Healthy Infants App (NuMom): A Multicultural Multilingual Maternal/Infant Health Information and Health; A Resource Developmental Study R21. Submitted 02/16/2021 to National Institute of Health; Total costs \$275,000. The purpose of this R21 is to refine and pilot test the NuMom prototype app in 3 languages (English, Spanish, Creole) and to establish its effectiveness using input from mothers and healthcare providers. This proposal will explore the outcomes from the mothers' (end-user) input for the app's usability, satisfaction, understandability, acceptability, content validity and accuracy. This proposal has the potential to reach a group with high morbidity and mortality, are economically disadvantaged, and many with language barriers. Designing and developing a culturally developed, multilingual, maternal/infant health information and health resource app will improve access to care by providing a platform with easily accessible health resources.
- 2021: Principal Investigator: Goldin D. Co-Investigators: Roche R., Hidalgo I., **Hannan J.**, Ocampo L. U.S. Department of Health Resources & Services Administration (HRSA-21-020). Total Cost: 2,220,000. Raise and Advance Nursing Workforce Diversity (RAN-WD) Project. The purpose of this project is to use a targeted recruitment process to increase the nursing workforce diversity by preparing qualified baccalaureate science nursing and advanced practice nurses from disadvantaged, underrepresented and minority groups to join the nursing workforce with the skills and preparation required to provide health care services to rural and underserved areas of Miami-Dade County located in South Florida, where extreme poverty and other social determinants of health are experienced. Submitted 01/21. Notice of funding expected on 7/21

Funded Research

- 2021: Palacios, C., (PI) **Hannan, J.** (Co-PI). Baby Feed Web-Portals". Childrens Trust. Total Cost: \$80,000. To assess, improve and monitor infant diet in healthcare settings for preventing infant excessive weight gain. Funded 01/2021-12/2021
- 2020: Palacios, C., (PI) **Hannan, J.** (Co-PI). Baby Feed Web-Portals". Caplan Foundation. Total Cost: \$50,000. To assess, improve and monitor infant diet in healthcare settings for preventing infant excessive weight gain. Funded 08/2020-07/2022
- 2019: **Hannan, J.** (PI), Valrei Reid (Co-PI). Funded: Heart Failure Society of America. Total Cost: \$10,000. Heart Failures perceptions of Readiness of Discharge: Effects of NP Follow up care. Funded Sept 2019 -December- 2020.
- 2016 Principal Investigator(s): Etowa, JB.; Loemba, H.; Babatunde, S.; **Hannan, J.**; Co Investigators: Onyekwere, NV.; Edet, OB.; John, ME.; Mkandawire, P; Phillips, JC. Institution Paid: University of Ottawa. Funded by the Canadian Institute of Health Research. Total Cost: \$449,927. Infant Feeding among Black women living with HIV: A Community Based Participatory Research (CBPR). The purpose of this multi

international site research is to examine and understand the ethno-cultural infant feeding practices and experiences of Black women living with HIV in Ottawa, Canada, Port Harcourt, Nigeria and Miami, United States. The research aims to improve the cultural competence and cultural safety of health care providers through targeted knowledge transfer including the development of tailored HIV and infant care education materials. Role: Principal Investigator for the Miami site. We are currently enrolling mothers. To date we have 32 mothers enrolled to reach a total of 300. Completed March 2020

- 2013 **Hannan, J., PI.** Psychometric Properties of Newly Translated Stress and Perception of Adequacy of Resource Instruments. Funded by FIU, CNHS \$5000.00 seed startup funds. This study investigated the psychometric properties (internal consistency reliability, test-retest reliability, and construct validity) of the Creole version of the Daily Hassles Scale, the Perception of Adequacy of Resources Scale, the Perceived Stress Scale and the Multidimensional Scale of Perceived Social Support Scale. Data collection has been completed, manuscripts and presentations are in progress. Completed 02/2015.

2013-2015: The Nicole Wertheim College of Nursing and Health Sciences (NWCNHS) funded for \$5,000 to enhance the recruitment efforts for the PhD program. With the support from this award to recruit 10 new well qualified PhD in Nursing students for the 2013-2014 AY and 2014-2015 AY in order to begin graduating 5 PhD in Nursing students per year. The proposal was approved and awarded for \$5000 for the 2013-2014 AY and \$7500 for AY 2014-2015. In this role I headed a recruitment initiative sending letters to Schools of Nursing nationally that do not have PhD in Nursing programs. I also headed the efforts to advertise our PhD in Nursing program in nursing journals, nursing conferences locally, regionally and nationally. Total award \$12,500. Completed 12/2015

- 2012 **Hannan, J., PI.** Page, T., Co I. Brooten, D., Senior Research Mentor Low-Income First-Time Mothers: Effects of APN Follow-up Mobile Technology on Maternal and Infant Outcomes and HealthCare Charges- A pilot study Funded by MBRS Score National Institute of Health; Eunice Kennedy Shriver National Institute of Child Health & Human Development, 1SC2HD076043-01. Total costs \$435,000. 08/17/2012-06/30/2015. Award letter attached. The purpose of this randomized clinical trial is to test the effects of a mobile technology intervention on maternal and infant health outcomes, and health care charges between 2 groups of low-income, first time postpartum mothers and their full-term newborns. Intervention group mothers receive two-way advanced practice nurse (APN) cell phone calls plus text messaging and mothers are able to contact the APNs by cell phone or texting beginning on post hospital discharge day 3 thru 6 months. Recruitment is ongoing at Jackson Memorial Hospital. Sample enrolled 134 mothers. Data collection has been completed, manuscripts and presentations are in progress.

- 2011 J. Youngblut, PI., D. Brooten, Co-PI. M. De La Rosa, T., **J. Hannan,** B. Totapally, G.P. Cantwell, T. Del Moral, Co-Investigators. Death in the PICU/NICU: Parent & Family Functioning. Funded by the National Institute of Nursing Research, NIH, R01 NR009120, Total costs: \$2,150,000. 9/5/06 - 6/30/12. The purpose of this longitudinal study is to describe a) the experience of parents whose infant/child died in the NICU or PICU and b) the impact of an infant's/child's death on parent grief, mental health,

personal growth, and family functioning during the first year after the death in 3 racial/ethnic groups, using quantitative and qualitative methods. I worked with the team in finalizing data collection, problem solving, data entry and cleaning, presentations and manuscript submissions.

- 2010 Brooten, D., PI, and Youngblut, J. Co-PI, **Hannan, J** Co-investigator. Weight Gain, Eating, Beliefs & Exercise: Pregnant Black, Hispanic & White Women. Funded \$1,000 from “The Research A Team” funds (Brooten & Youngblut). This study described perceptions of weight gain needed, risk and nutrition in 5 racial/ethnic subgroups groups of pregnant women. We completed data collection for 65 subjects. Three manuscripts have been published from this study:

Grants Submitted: Not funded

- 2020: **Hannan J**, (PI) Barfield, L. (CO-I). Pilot test a Maternal/Infant healthcare resource App for Minority mothers. Caplan Foundation. Total Cost: \$50,000, LOI submitted May 31st. 2020. Not funded
- 2019: Foster A., PI; **Hannan J.**, Azutillo E., Musser E., Laird A., Peterson MW., Lok B., CoI: Empathy Training with Virtual Patient Simulation to Decrease Errors in Nursing Care. Submitted 01/24/2019 to AHRQ R18 PA 18-793. Total cost Total: \$1,512,560.54 Medical errors represent a national healthcare problem. Reduced empathy during patient encounters has been shown to increase the risk of medical errors. It is unknown whether providing direct empathy-focused instruction and feedback to healthcare providers impacts patient safety by reducing medical errors. This study is to develop and validate a longitudinal virtual patient simulation curriculum that delivers, reinforces and assesses outcomes of empathy training with nursing students resulting in a reduction in medical errors. The impact of this research will consist in dissemination of a validated longitudinal virtual patient simulation curriculum for empathy training, deployable through a cloud-based system, free of charge, to healthcare professions’ students, educators, and clinicians. The outcome of this research is increased patient safety. Start Date: 09/01/2019. End date: 08/31/2023. Scored-not funded. Resubmission on hold due to COVID.
- 2017 **Hannan, J.**, PI. CoIs Brooten, D. & Page, T. Effects of mHealth NP Follow up Care with Hispanic, Black, White, English, Spanish, Creole Speaking Teen Mothers. RO1 submitted 03/03/2017 to the NIH for \$1,465,000.00. This Re-submission study builds directly on the SC2 grant. The purpose of this randomized clinical trial is to provide early and continued access to health care for hard to reach groups by use of mhealth (weekly information on postpartum health and infant care, guidance in navigating the health care system, appointment reminders, resources on breastfeeding, parenting classes using mothers’ preferred method of receiving information via 2 way mobile phone/smartphone calling and texting[typed or audio], 2 way online video chatting, 2 way online instant messaging [IM] and email) provided by nurse practitioners (NPs) on infant health outcomes, home remedy use for infants, maternal outcomes and healthcare charges in 3

racial/ethnic groups (Black non-Hispanic, Hispanic and White non-Hispanic) of (Creole, Spanish, English) speaking teen mothers. Not funded.

- 2016 Foster A., PI; Azutillo E., Musser E., **Hannan J.**, Laird A., Peterson MW., Lok B., CoI: Empathy Training with Virtual Patient Simulation to Decrease Errors in Nursing Care. Submitted 09/2016 to Agency for Healthcare Research and Quality R18 PA 14-004. Total cost Total: \$523,157. Medical errors represent a national healthcare problem. Reduced empathy during patient encounters has been shown to increase the risk of medical errors. It is unknown whether providing direct empathy-focused instruction and feedback to healthcare providers impacts patient safety by reducing medical errors. This study is to develop and validate a longitudinal virtual patient simulation curriculum that delivers, reinforces and assesses outcomes of empathy training with nursing students resulting in a reduction in medical errors. The impact of this research will consist in dissemination of a validated longitudinal virtual patient simulation curriculum for empathy training, deployable through a cloud-based system, free of charge, to healthcare professions' students, educators, and clinicians. The outcome of this research is increased patient safety. Not funded.
- 2016 **Hannan, J.**, PI. CoIs Brooten, D. & Page, T. Effects of mHealth NP Follow up Care with Hispanic, Black, White, English, Spanish, Creole Speaking Teen Mothers. RO1 submitted 02/05/2016 to the NIH for \$1,232,500.00. This study builds directly on the SC2 grant. The purpose of this randomized clinical trial is to provide early and continued access to health care for hard to reach groups by use of mhealth (weekly information on postpartum health and infant care, guidance in navigating the health care system, appointment reminders, resources on breastfeeding, parenting classes using mothers' preferred method of receiving information via 2 way mobile phone/smartphone calling and texting[typed or audio], 2 way online video chatting, 2 way online instant messaging [IM] and email) provided by nurse practitioners (NPs) on infant health outcomes, home remedy use for infants, maternal outcomes and healthcare charges in 3 racial/ethnic groups (Black non-Hispanic, Hispanic and White non-Hispanic) of (Creole, Spanish, English) speaking teen mothers. Not funded.
- 2014 **Hannan, J.**, PI. CoIs: Brooten, D. & Page, T. Haitian Teen Mothers: Effects of Mobile Technology on Mothers & Infants Outcomes & Costs. Preliminary proposal submitted on submitted 11/24//2014 to Health Foundations of South Florida for \$121,508. This program builds directly on the SC2 grant funded by the National Institute of Health. The purpose of this program is to test a Nursing Model of Care using a 2 way mobile technology (cell phone calls texting and video chatting) provided by nurse practitioners (NPs) on: infant health outcomes, home remedy use for infants, maternal outcomes and healthcare charges in Creole speaking teen mothers. Not funded.
- 2014 **Hannan, J.**, PI. CoIs: Brooten, D. & Page, T. Teen Mothers: Effects of Mobile Technology on Mothers & Infants Outcomes & Costs. Letter of Intent submitted 05/01/2014 to The Rita & Alex Hillman Foundation for \$600.000. This program builds directly on the SC2 grant funded by the National Institute of Health. The purpose of this program is to test a Nursing Model of Care using a 2 way mobile technology (cell phone

calls and texting) provided by nurse practitioners (NPs) on: infant health outcomes, home remedy use for infants, maternal outcomes and healthcare charges in 3 racial/ethnic groups (Black non-Hispanic, Hispanic and White non-Hispanic) of (Creole, Spanish, English) speaking teen mothers. Not funded.

- 2013 **Hannan, J.,** PI. CoIs Brooten, D. & Page, T. Teen Mothers: Effects of Mobile Technology on Mothers & Infants Outcomes & Costs RO1 submitted 11/19/2013 to the NIH, Minority Health and Health Disparities Research for \$1,302,000. This study builds directly on the SC2 grant. The purpose of this randomized clinical trial is to test a model of 2 way mobile technology (cell phone calls and texting) provided by nurse practitioners (NPs) on: infant health outcomes, home remedy use for infants, maternal outcomes and healthcare charges in 3 racial/ethnic groups (Black non-Hispanic, Hispanic and White non-Hispanic) of (Creole, Spanish, English) speaking teen mothers. Not funded.

Research consultant

International

2019: The Centre for Public Health, Toxicology and Nursing Research (PUTNUR) with funds from the World Bank are working to develop the Centre for Public Health, Toxicology and Nursing Research (PUTNUR), a regional Centre that aims to improve the outcomes of the public health issues associated with oil and gas exploration and exploitation in the region. **Role:** Appointed member of the International Scientific Advisory Board for the Collaboration on World Bank African Centre of Excellence for the PhD Programs of Nursing at Uniport University, Port Harcourt Nigeria and an academic partner to serve as a Research Supervisor. Amount funded \$4,855.00.

Local

2011-2016: Outcomes of Febrile Sickle Cell Patients in the Pediatric Emergency Department

I serve as a research consultant to Dr. Bruce Quinn PI, for a retrospective study examining outcomes of febrile sickle cell patients in the pediatric emergency department. Jackson Memorial Hospital. Miami, Florida.

2011-2015: Pediatric Emergency Room Resus Medication Use

I serve as a research consultant to Dr. Hector Chaves PI, Dr. and Dr. Carmen Garcia Co-PI. This study examines pediatric medications commonly used in an emergency room code situation to assist healthcare facilities in their preparedness for pediatric emergencies. Jackson Memorial Hospital Miami, Florida.

TEACHING

Selected Courses Taught:

Undergraduate

- Professional Nursing Concepts & Issues (NUR 3119)
- Evidence-Based Nursing and Research for Global Health Care (NUR 3666)
- Professional Nursing Leadership: Concepts and Issues (NUR 3821).
- Senior practicum (NUR 4945L).
- 36 RN-BSN students: I have provided 120 hours of research practicum experience.

Graduate

- Research Methods in Nursing (NGR 5810)
- Research Methods in Nursing for Foreign Educated Physician Program (NGR 5810)
- Theories in Nursing (NGR 5110).
- 55 graduate students: I provided 70 hours of research experiences (NGR 6910C)
- 7 Masters Students' I provided 105 hours of teaching practicum (NGR 6708C).

DNP

- Analytical Methods for Evidence-Based Clinical Practice (NGR 7854)

PhD program

- Research in Health Care for Multicultural Diverse Vulnerable Populations (NGR 7830)
- Accessing, managing and Packaging information (NGR 7873)
- Qualitative Methods (NGR 6815)
- Knowledge Development (NGR 6123).
- Grantsmanship (NGR 6917).

PROFESSIONAL HONORS, PRIZES, FELLOWSHIPS

2020 AHRQ grant reviewer

2019 AHRQ grant reviewer

2018 HRSA Grant reviewer

2017 Fellow in the American Academy of Nursing (FAAN)

2016 NIH Dental & Craniofacial study section, research grants, ad hoc reviewer (NIH/NIDCR)

2016- NIHs Early Career Reviewer (ECR) program.

2015 Selected for Florida International University Nicole Wertheim College of Nursing and Health Sciences Annual report: Research Profiles: "Breaking Down Low-Income Barrier for New Moms."

2014 Nurse Research Award: Florida Nurses Association, Nursing Excellence Awards

2014 Selected by Florida International University External Relation Department in conjunction with Jackson Memorial Hospital to show case the NIH funded ongoing pilot work: "Low Income First-Time Mothers: Effects of APN Follow-up Mobile Technology on Maternal and Infant Outcomes and HealthCare Charges" The link is a TubeVideo with the Nurse Practitioner in contact with a first-time mother using mobile technology.
Title: *Can a phone call from a nurse lower health care costs?*
<https://www.youtube.com/watch?v=g17OIWICCZk>

- 2013 Selected as an Outstanding Alumnus of the Nursing Program at the Nightingala. Received the FIU Nursing Golden Panther award.
- 2013 Piloting my career. Published interview about my academic and research achievements as an FIU alumni and Assistant Professor for the *FIU Magazine*, Summer 2013, 27, pages 22-23.
- 2011 Sigma Xi: The Scientific Research Society
- 2010 Sigma Theta Tau International: Honor Society of Nursing

OFFICES HELD IN PROFESSIONAL SOCIETIES

National

- 2017- Present: Healthy Start Coalition Miami Dade: Fetal & Infant Mortality Reviewer.
 2017-2020: Sigma X: Treasurer.
 2010-2016: Sigma Theta Tau International: Research Abstract Reviewer
 2011-2016: Sigma X: Membership Reviewer

Regional

- 2020: FNA 6th Annual Nursing research and EBP conference planning committee
 2012-present: SNRS annual conference abstract reviewer.
 2016-present: SNRS awards committee
 2015- SNRS Policy and Procedure committee

Local

- 2015-present: Advanced Practice Nurse Council; JMH Holts Children's and Women's Hospital
 2016: Nursing Consortium of South Florida. Planning committee
 2011-2012: Florida Nurses Association: Leadership Committee

Community:

- 2011- 2019: Research consultant for Jackson Memorial Hospital, Miami Florida.
- May 19-22, 2015: Guest lecturer; Jackson Memorial Hospital. *6th Annual Care of the Sick Newborn Conference*.

University:

- 2014- Present: Student Government Association Scholarship Committee
 2013- Present: Graduate Faculty: Dissertation Advisory Status Awarded
 2015- present: Interdisciplinary Practice/Education Committee

Member: Nicole Wertheim College of Nursing and Health Sciences

- 2020: PhD Nursing PhD recruitment.
 2019: Nursing Tenure and Promotion Committee.
 2015- present: Interdisciplinary Practice/Education Committee
 2014: Dissertation Advisor Status (DAS) Review Committee
 2013-2017: Chair Search and Screen Committee
 2012-present: PhD in Nursing Program Committee
 2013-2015: Technology Committee
 2012: Faculty Affairs Committee
 2012: Faculty Affairs 30th Anniversary Nursing Celebration Committee

OTHER PROFESSIONAL ACTIVITIES AND PUBLIC SERVICE

Editorial Services: Manuscript Reviewer

2012- present: Journal of the American Academy of Nurse Practitioners

2013- present: Annals of Nursing and Practice

2014- present: Journal of Nursing Measurement

2015: Journal of Family Medicine & community Health

2016: World Medical & Health Policy

2016: Jones & Bartlett Learning. Chapter reviewer for a forthcoming edition of Issues and Trends in Nursing: Essential Knowledge for Today and Tomorrow.

2017: Journal of the Association of Nurses in AIDS Care

2017: International Journal of Nursing Practice

2017: Journal of Women's Health

2018: Health and Quality of Life Outcomes

2018- present: Journal of the Association of Nurses in AIDS Care