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All Nurses Need to be Research Nurses

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All Nurses Need to be Research Nurses

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PROMOTING HEALTH
NURSING RESEARCH INNOVATION
SCIENCE SYMPTOM SCIENCE
QUALITY OF LIFE SELF-MANAGEMENT
WELLNESS DEVELOPING NURSE SCIENTISTS
PALLIATIVE CARE HEALTH STRATEGIES
PERSONALIZED END-OF-LIFE
INDIVIDUALS TECHNOLOGY

Key Points

- Nurses are the largest workforce in healthcare (Bevans, et al., 2011)
 - Nurses need to be prepared to balance fidelity to protocol and patient care (Hastings et al., 2012).
 - Education can prepare entry level nurses with a foundation in Clinical research nursing and GCP (Garner, Spencer, & Beal, 2016)

Bevans, M., Hastings, C., Wehrlen, L., Cusack, G., Matlock, A. M., Miller-Davis, C., ... Wallen, G. R. (2011). Defining Clinical Research Nursing Practice: Results of a Role Delineation Study. *Clinical and Translational Science*, 4(6), 421–427.

Cunningham, R., Centofanti, D., Vamos, D., Chaudhary, S., & Fessele, K. (2007). Establishing a centralized education service for clinical research personnel...Oncology Nursing Society 32nd Annual Congress, April 24-27, 2007, Las Vegas, NV. *Oncology Nursing Forum*, 34(2), 555.

Garner, S. L., Spencer, B., & Beal, C. C. (2016). Multi-institutional Collaboration to Promote Undergraduate Clinical Research Nursing. *Nurse Educator*, 41(1), 49-51.

Hastings, C. E., Fisher, C. A., McCabe, M. A., Allison, J., Brassil, D., Offenhartz, M., & ... Turbini, V. (2012). Clinical research nursing: a critical resource in the national research enterprise. *Nursing Outlook*, 60(3), 149-156.e1-3. doi:10.1016/j.outlook.2011.10.003

Key Points

- Nurse scientists responding to the call for increase in pragmatic trials (Eckardt, et al, 2015).
- Nurses understand importance of research for scientific and evidence-based practice foundations (Eckardt & Rindskopf, 2015).
- Nurse educators appreciate need for student knowledge in research, and have integrated across all levels of nursing education (Henly, et al., 2015).

Eckardt, P. & Janotha, B, Marino, M., Erlanger, D.P., & Canella, D. (2015). *Equipping Advanced Practice Nurses with Real-World Skills*. In Y. Rosen(Ed), *Handbook of Research on Computational Tools for Real-World Skill Development*. Upper Saddle River, NJ: Pearson Publishers.

Eckardt, P. & Rindskopf, D. (2015). *Quasi Experimental Design*. In S. Henley (Ed), *International Handbook of Advanced Statistical Designs in Nursing*. London, England: Routledge Publishers.

Henly, S. J., McCarthy, D. O., Wyman, J. F., Heitkemper, M. M., Redeker, N. S., Titler, M. G., ...Dunbar-Jacob, J. (2015). Emerging areas of science: Recommendations for nursing science education from the Council for the Advancement of Nursing Science Idea Festival. *Nursing Outlook*, vol.63, pp.398-407.

Migration of Clinical Research

- Ms. Nancy Ellicott 1910 - beginnings of clinical research nursing
- Began in small specialized units
- Evolving changes in clinical research
 - Clinical research has moved into nontraditional settings (Cunningham, et al., 2007)
- NIH - National Center for Advancing Translational Science (NCATS)
 - Clinical and Translational Science Award program
 - Why this shift?

Nursing Research Course Objectives

- Current Focus
 - research as theoretical foundation and evidence-based practice (EBP) for undergraduate student (AACN,2008)
 - consumer of research for graduate student (AACN,2011)
 - application of research findings for population health management for clinical practice doctoral students (AACN,2006)
 - nurse scientist role as Principal Investigator in study design and analysis for research focused doctoral student (AACN,2010)
- The majority of these courses do not include clinical research or Good Clinical Practice (GCP) topics (Galassi et al.,2014).

American Association of Colleges of Nursing. (2010). The research-focused doctoral program in nursing: Pathways to excellence. Available from <http://www.aacn.nche.edu/education-resources/PhDPosition.pdf>

American Association of Colleges of Nursing. (2011). *The essentials of master's education for advanced practice nursing*. Available from <http://www.aacn.nche.edu/education-resources/MastersEssentials11.pdf>

American Association of Colleges of Nursing. (2006). *The essentials of doctoral education for advanced nursing practice*. Available from <http://www.aacn.nche.edu/publications/position/DNPEssentials.pdf>

American Association of Colleges of Nursing (2008). *The essentials of baccalaureate education for professional nursing practice*. Available from <http://www.aacn.nche.edu/education-resources/BaccEssentials08.pdf>

Galassi, A. L., Grady, M. A., O'Mara, A. M., Ness, E. A., Parreco, L. K., Belcher, A. E., & Hastings, C. E. (2014). Clinical research education: perspectives of nurses, employers, and educators. *The Journal of Nursing Education*, 53(8), 466-472. doi:10.3928/01484834-20140724-04

Clinical Research Nurse- Study Management and Participant-level care

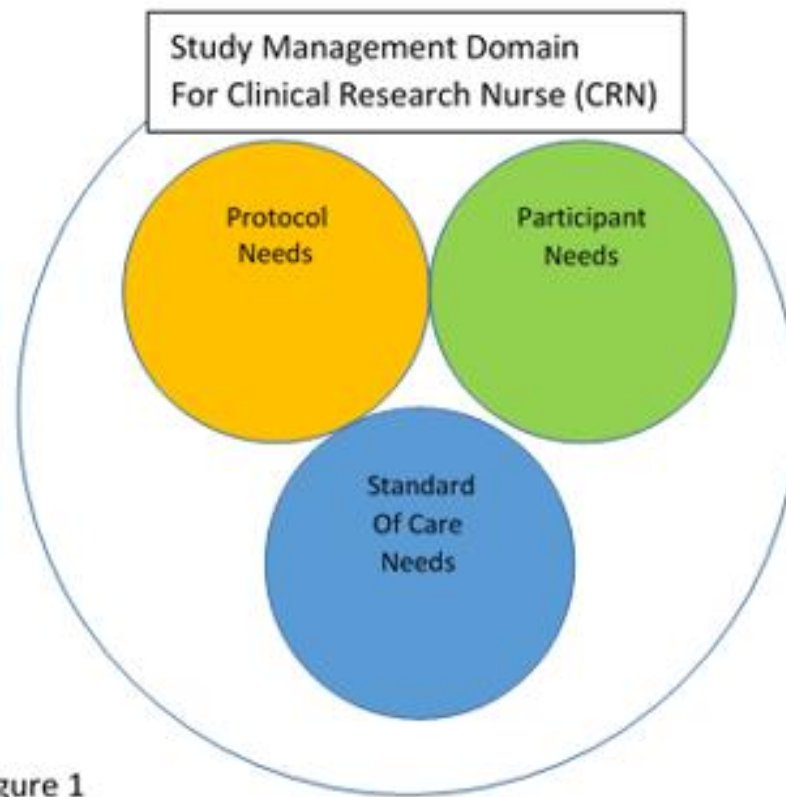
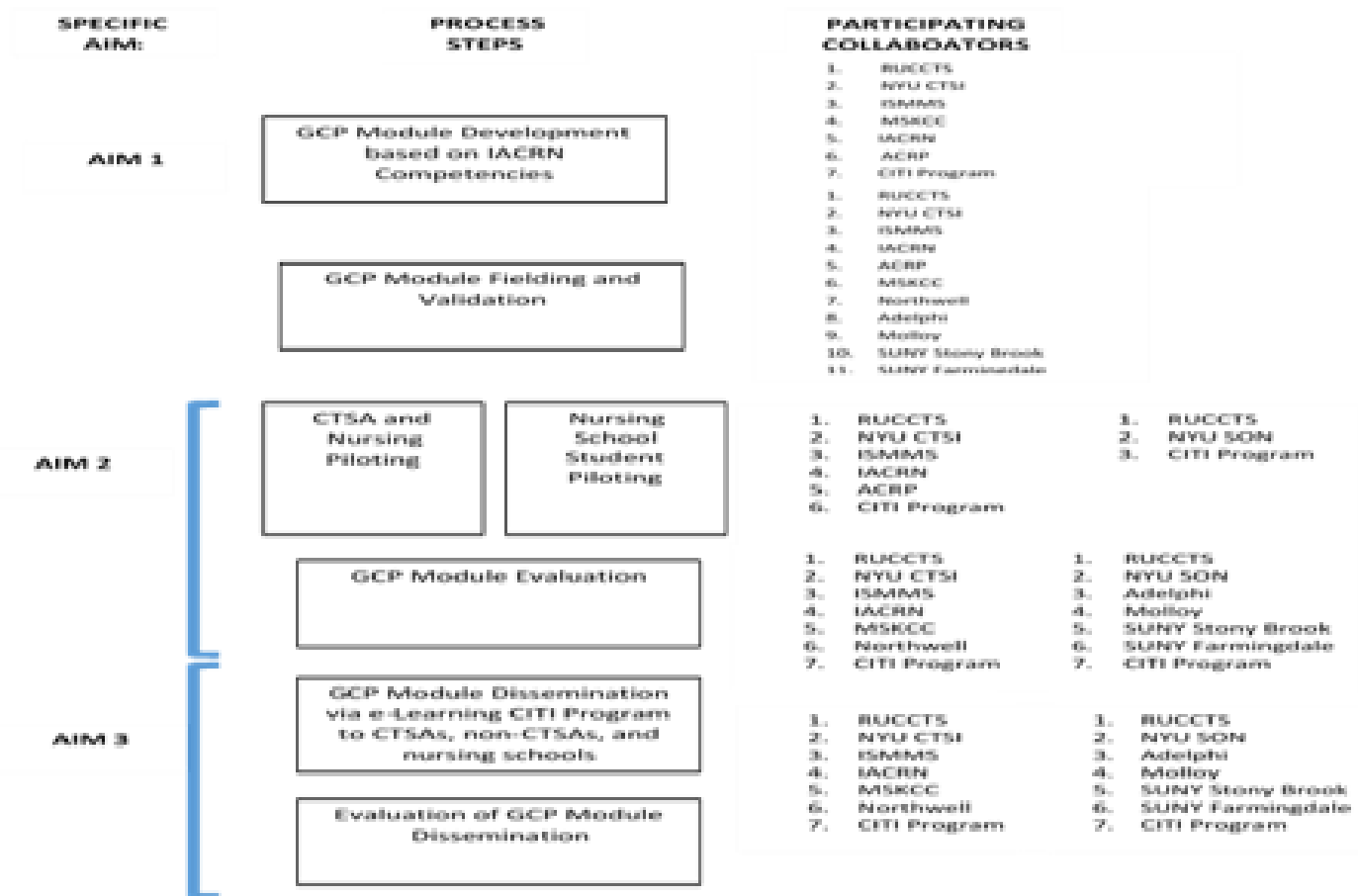


Figure 1

What was done

- A group of nurse scientists, educators, and leaders have developed a Clinical Research Nursing Education and Professional Development Program
- Development of module based curriculum
- Included a comprehensive curriculum in clinical research nursing GCP for nurses and nursing students

Nurse-specific GCP modular curriculum



Where are we going with this?

- Undertaking to utilize module based curriculum in nursing schools
- Focus on educating nursing students in clinical research and GCP
- Eliminates disparities in the field when faced with challenging clinical research trial patient

Conclusion

Movement of clinical research into the community through pragmatic trials

Requires specific and comprehensive preparation of all nurses in clinical research and GCP beginning pre-entry into practice

To help prepare nurses to care for patients participating in clinical research trials

As we as nurses are our patients advocates

Selected References

- American Association of Colleges of Nursing (AACN). (1998) The Essentials of baccalaureate education for professional nursing practice. Washington, D.C.: American Association of Colleges of Nursing.
- Bevans, M., Hastings, C., Wehrlen, L., Cusack, G., Matlock, A. M., Miller-Davis, C., ... Wallen, G. R. (2011). Defining Clinical Research Nursing Practice: Results of a Role Delineation Study. *Clinical and Translational Science*, 4(6), 421-427.
- Castro, K., Bevans, M., Miller-Davis, C., Cusack, G., Loscalzo, F., Matlock, A. M., . . . Hastings, C. (2011). Validating the Clinical Research Nursing Domain of Practice. *Oncology Nursing Forum*, 38(2).
- Garner, S. L., Spencer, B., & Beal, C. C. (2016). Multi-institutional Collaboration to Promote Undergraduate Clinical Research Nursing. *Nurse Educator*, 41(1), 49-51.
- Hastings, C. E., Fisher, C. A., & McCabe, M. A. (2012). Clinical research nursing: A critical resource in the national research enterprise. *Nursing Outlook*, 60(3).
- McClure, E., & Black, L. (2013). The Role of the Clinical Preceptor: An Integrative Literature Review. *Journal of Nursing Education*, 52(6), 335-341.
- Niebuhr, B., & Biel, M. (2007). The value of specialty nursing certification. *Nursing Outlook*, 55(4), 176-181.
- Scott, K., White, K., & Roydhouse, J. K. (2012). Advancing the Educational and Career Pathway for Clinical Trials Nurses. *The Journal of Continuing Education in Nursing*, 44(4), 165-170.
- Udalis, K. A. (2008). Preceptorship in Undergraduate Nursing Education: An Integrative Review. *Journal of Nursing Education*, 47(1), 20-29.

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