

AANN Research Priorities Task Force



The Research Priorities Task Force was charged by the Clinical Science Committee in November 2019 with identifying neuroscience nursing research priorities to lead the field for the next 3-5 years.

Five categories with 14 sub-categories were identified as the AANN Research Priorities:

Assessment

Assessment parameters for specific neurological conditions

Biomarkers

Intervention efficacy in various relevant neurologic injury/disease; Neuro-oncology and targeted treatments; Recovery from various relevant neurologic injury/disease processes

Nursing Care Outcomes

Interventions to improve outcomes; Care across a spectrum of neuroscience problems (except critical care and stroke); ICP monitoring; Neuro infections; Degenerative spine disease; Parkinson's Disease; Pediatric patients; Care across the lifespan

Quality of Life

Relevant neurologic injury/disease processes

Technology

Symptom monitoring

The task force proposes the following strategies to advance neuroscience nursing research:

- Be mindful of diversity, equity, and inclusiveness in all aspects of neuroscience nursing research.
- Evaluate specific neuroscience nursing interventions using rigorous scientific designs.
- Address the lifespan and continuum of patient populations cared for by neuroscience nurses.
- Define neuroscience nursing sensitive outcomes in order to test the effectiveness of interventions as compared to describing current state.
- Incorporate biomarkers as a measure of response to nursing and medical interventions.
- Expand neuroscience nursing in new and developing areas (e.g., caregivers, technology, biomarkers, COVID-19).
- Recommend review of the research agenda and strategies at the beginning of year 8 to accomplish revision in ten-year increments or more frequently if needed.

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TASK FORCE MEMBERS

Lori Rhudy, PhD APRN CNS ACNS-BC CNRN (Chair)
Sheila Alexander, PhD RN FCCM
Donna Avanecean, DNP RN FNP-C CNRN FNAP

Cynthia Bautista, PhD APRN FNCS FCNS
Janice L. Hinkle, PhD RN CNRN
Beth Hundt, PhD APRN NP-C ACNS-BC