



NSP II Implementation Grant for
Johns Hopkins School of Nursing
DNP in Nurse Anesthesiology
NSP II #21-110

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Johns Hopkins School of Nursing in collaboration with the Johns Hopkins Medicine's Department of Anesthesiology and Critical Care Medicine have re-established a nurse anesthesia program to provide qualified certified registered nurse anesthetists (CRNAs) for the Hopkins healthcare system and the state of Maryland.



- Current and future workforce projections for qualified, cost-effective anesthesia providers, like CRNAs, fall short in the state of Maryland.
- Only one civilian program currently exists in the state (University of Maryland)
- Having additional capacity in the state will help meet workforce demands for the future
 - Due to increasing population
 - Due to increasing aging of the population
 - Due to increase access to care

<https://www.usatoday.com/story/money/2019/01/08/software-developer-tops-list-u-s-news-best-jobs-2019-rankings/2471576002/>

U.S. News Best Jobs of 2019

Top 10, in order:

1. Software developer
2. Statistician
3. Physician assistant
4. Dentist
5. (tie) Orthodontist
5. (tie) Nurse anesthetist
7. Nurse practitioner
8. Pediatrician
9. (tie) Obstetrician and gynecologist
9. (tie) Oral and maxillofacial surgeon
9. (tie) Prosthodontist
9. (tie) Physician



- This 5-year Implementation grant of \$ \$2,085,871.96 will build on the successes of the previous NSP II Planning grant and will;
 - Provide resources to support faculty salaries;
 - Provide resources for instructional design and administration support;
 - Provide resources for maintenance of accreditation;
 - Provide resources for dissemination activities.
- Current project lead:
 - Bruce A. Schoneboom, PhD, MHS, CRNA, FAAN
 - Bruce has a national reputation and is a veteran of the U.S. Army



- DNP Nurse Anesthesiology Track is a 3-year, 9 semester, full-time program with 88 credit hours of coursework.
- Faculty, along with instructional designers, have to date developed 5 nurse anesthesia-specific courses and executed one course in Summer 2020.
- Currently recruiting dedicated Administrative support person for hire Fall 2020; and CRNA faculty for hire in Spring 2021. Additional CRNA faculty are planned for Spring 2022 and Spring 2023.



Andy Benson, DNP, MSN, CRNA, FAAN was recruited in September 2020 as the Assistant Track Coordinator!



Outcomes of the proposal include:

- a. Enroll 20 qualified students in the Nurse Anesthesiology track of the DNP Program in May of 2020. Goal met.
- b. Enroll 25 students in the Nurse Anesthesiology track of the DNP Program in May of 2021, 2022, 2023, 2024 and 2025. Admissions in progress for 2021.
- c. Total enrollment over the course of the grant = 145 students.
- d. Graduate 70 students from 3 cohorts by May 2025 (20 from 2020 cohort, 25 from 2021 cohort, and 25 from 2022 cohort).
- e. Achieve a greater than 85% success on first-time pass rates for graduates taking the NBCRNA National Certification Examination.



Alignment with NSP II Goals

This implementation grant will accomplish several NSP II Goals including:

- increase the number of qualified nurse anesthetists within the Hopkins healthcare system and the state of Maryland;
- increase the number of registered nurses with the doctor of nursing practice (DNP) degree;
- increase the number of qualified faculty; and
- build partnerships between education and practice.