



**Detroit Medical Center**  
Wayne State University

**ASSOCIATED Ph.D. Run-In Programs:  
Pharmaceutical Sciences and Physiology**

**GUIDELINES**

**OBJECTIVE:**

To provide qualified CRNAs and/or Graduate Nurse Anesthesia students with the opportunity to pursue post graduate work in Pharmacology or Physiology.

**PROCEDURE:** Admission Requirements

1. The CRNA (Certified Registered Nurse Anesthetist) must have a master's degree from an accredited nurse anesthesia program and successfully passed the national certification examination.
2. The CRNA must possess a specialty licensure and/or evidence of recertification.
3. The GRNA (Graduate Registered Nurse Anesthetist) must graduate from an accredited nurse anesthesia program and be eligible for the national examination.
4. The graduate student must be in their last semester of their curriculum for a masters in anesthesia to begin the application process for post graduate work.
5. The graduate student interested in pursuing a Ph.D. while completing the masters curriculum must obtain approval from their program director prior to applying to other disciplines.
6. All applicants must submit a letter of interest, a copy of their nurse anesthesia transcript or curriculum content for review by the respective admissions chair.
7. Applicants will be expected to interview with the program advisors in the discipline of choice.
8. The admissions Chair of each department will provide the applicant with the procedure for applying to the program.

Interested applicants need to contact:

Dr. William J. Lindblad                      Pharmaceutical Science, Wayne State University  
Associate Professor                      3116 EACPHS Building  
Office Tel. # (313) 577-0513              Detroit, MI 48201  
Email: [aa0823@wayne.edu](mailto:aa0823@wayne.edu)

Dr. James A. Rillema                      Physiology, Medicine, Wayne State University  
Professor                                      4251 Scott Hall  
Office Tel. # (313) 577-1524              Detroit, MI 48201  
Email: [ad0702@wayne.edu](mailto:ad0702@wayne.edu)

These guidelines are established as a beginning step for CRNA graduates with interest in obtaining a doctoral degree. The nurse anesthesia program director has had numerous communications with the chair/advisor of the Department of Physiology at Scott Hall and the Pharmaceutical Sciences department at the College of Pharmacy and Health Sciences. Such efforts lead to the development of a Ph.D. template for individuals to pursue a Ph.D. in either department. All inquiries will be through the respective Ph.D. department and not through the department of nurse anesthesia. Please review the following guidelines:

1. Review the template for each program and determine your interest.
2. If you are interested in Physiology, submit a letter to the department of Physiology to the attention of Dr. James A. Rillema, Professor, Physiology, Wayne State University.
3. Similarly, if your interest is in Pharmacology, submit a letter to Dr. William J. Lindblad, Associate Professor, Pharmaceutical Science, Wayne State University.
4. Individuals who graduated from the Wayne State University Nurse Anesthesia program with interest in Physiology are provided credits for some course already taken through the department.
5. Each applicant needs will be individualized based on their background and year of graduation from their anesthesia program.