UMDNJ, the nation’s largest health sciences university, is also ranked as one of the top 100 research universities in the U.S. Founded in 1970 to consolidate New Jersey’s health professions education, UMDNJ has become the very core of New Jersey’s health sciences system. Committed to excellence in education, research, healthcare delivery, and community service, UMDNJ administers programs at five main New Jersey campuses and has cultivated partnerships with more than 200 educational and health care institutions statewide.

UMDNJ is comprised of the School of Nursing and seven other professional schools: New Jersey’s three medical schools, and the state’s only biomedical sciences, dentistry, health related professions, and public health schools. The University Hospital, The Cancer Institute of New Jersey and University Behavioral Health Care, one of the largest providers of behavioral health care in the nation, are also divisions of UMDNJ.

University Hospital

The University Hospital is the center of referral for many of the state’s most advanced medical services and specialty care programs. Its commitment to education, primary care and specialized referral services has produced the most extensive array of inpatient and outpatient services available in the state of New Jersey.

The University Hospital offers a wide range of specialty services including northern New Jersey’s only Level 1 Trauma Center (incorporating a trauma-intensive care unit and the NorthSTAR helicopter emergency and critical care transport system), a regional center for neonatal intensive care, the Obesity Treatment Center, the Cochlear Implant Program, a neurosurgical intensive care unit and a special Brain Tumor Program, the Neurological Institute of New Jersey, a federally designated spinal cord injury program, The University Center for Bloodless Surgery and Medicine, and New Jersey’s only Liver Transplant Program.

Learn more about UMDNJ - SN/University Hospital
Nurse Anesthesia Program

Contact:
Victor M. Marques
Recruiter
(973) -972-7445
Marquevm@umdnj.edu
Or
Clare Golden CRNA, MSN
Program Director
goldencf@umdnj.edu
Visit:
http://sn.umdnj.edu

UMDNJ-SN does not discriminate in admissions or access to its programs and activities on the basis of race/color, national origin, ethnicity, religion/creed, disability, age, marital status, sex, sexual orientation or veteran’s status.
A certified nurse anesthetist (CRNA) is an Advanced Practice Nurse with a Master of Science in Nursing degree. A CRNA is distinguished by advanced preparation in health assessment, anatomy and physiology, pathophysiology, pharmacology, anesthesia and peri-operative management.

The Nurse Anesthesia M.S.N. Program is a 73-credit program based at UMDNJ's Newark campus. The program operates in collaboration with University Hospital in Newark, New Jersey where students have their clinical experiences. The program is pending accreditation by The Council on Accreditation of Nurse Anesthesia Educational Programs. Once accredited, graduates of the program will be eligible for certification by the Council on Certification of Nurse Anesthetists to practice as a Certified Registered Nurse Anesthetist (C.R.N.A.).

Specific outcomes for the nurse anesthesia program are as follows:

- Perform a detailed and complete assessment including obtaining a history and physical examination, reviewing laboratory data and pertinent information from the patient's medical record;
- Develop a plan of anesthesia care based on scientific theory related to the patient's past medical and nursing history, current status, and surgical requirements;
- Implement an anesthetic plan utilizing a broad spectrum of techniques based on sound physiology and established guidelines;
- Incorporate patient safety considerations with regard to equipment check, positioning, and anesthetic administration;
- Evaluate and adapt the anesthetic plan based on patient response and surgical considerations, utilizing physiologic and pharmacologic theories;

The 73-credit Certified Registered Nurse Anesthesia M.S.N. Program can be completed in seven (7) semesters of full-time graduate study. The following is the recommended full-time sequence of nursing graduate courses (credits):

**Level 1: Fall Semester 1 (Total Credits: 12)**
- NURS 5104: Pathophysiology 3 cr.
- NURS 5101: Science and Research 3 cr.
- CRNA 5112: Physics and Chemistry 3 cr.
- CRNA 5111: Advanced Physiology 3 cr.

**Level 2: Spring Semester 2 (Total Credits: 14)**
- NURS 5105: Clinical Pharmacology 3 cr.
- NURS 5201: Nursing Research Design and Application 3 cr.
- CRNA 5212: Anesthesia & Co-Existing Disease 3 cr.
- CRNA 5211: Principles & Practice I 2 cr.
- CSPD 5107: Clinical Skills & Physical Diagnosis 2 cr.
- CRNA 5801: Clinical I 1 cr.

**Level 3: Summer Semester 3 (Total Credits: 7)**
- CRNA 5312: Pharmacology of Anesthetics 3 cr.
- CRNA 5311: Principles & Practice II 2 cr.
- CRNA 5802: Clinical II 2 cr.

**Level 4: Fall Semester 4 (Total Credits: 12)**
- CRNA 5412: Pharmacology of Accessory Drugs 3 cr.
- CRNA 5413: Regional Anesthesia 2 cr.
- CRNA 5414: Principles of Pain Management 1 cr.
- CRNA 5411: Principles & Practice III 2 cr.
- CRNA 5803: Clinical III 4 cr.

**Level 5: Spring Semester 5 (Total Credits: 10)**
- CRNA 5512: Obstetrical Anesthesia 2 cr.
- CRNA 5513: Pediatric Anesthesia 2 cr.
- CRNA 5511: Principles & Practice IV 2 cr.
- CRNA 5804: Clinical IV 4 cr.

**Level 6: Summer Semester 6 (Total Credits: 9)**
- CRNA 5612: Trauma & Emergency Anesthesia 2 cr.
- CRNA 5613: Directed Research 1 cr.
- CRNA 5611: Principles & Practice V 2 cr.
- CRNA 5805: Clinical V 4 cr.

**Level 7: Fall Semester 7 (Total Credits: 9)**
- NURS 5401: Advanced Practice Role Theory/Professional Aspects 3 cr.
- CRNA 5711: Principles & Practice VI 2 cr.
- CRNA 5806: Clinical VI 4 cr.

**TOTAL = 73 credits**
(28 months, 5 semesters, 2 summer sessions)

**Admission Criteria:**
- Graduation from a accredited baccalaureate degree nursing program
- Undergraduate cumulative grade point average (G.P.A.) of 3.0 (4.0 point scale) for all nursing courses
- Completion of an undergraduate descriptive and inferential statistics course with a grade of "C" or better
- Completion of a basic health assessment course
- Minimum of one (1) year of critical care experience
- Highly developed critical thinking skills

Additionally, students in this program are required to obtain Advanced Cardiac Life Support (ACLS) certification and to maintain that certification throughout the duration of their program of study. Neonatal Advanced Life Support (NALS) and Pediatric Advanced Life Support (PALS) certification is also required before graduation from the program. These will be offered to students in their last year of study.