Contact Information:

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  - Phone: 270-824-3460
A Little History

Anesthetics have been administered for centuries, from opium poppy and leaches, to the sophisticated agents and techniques of today.

In the United States, nurses have been delivering safe, professional, and cost-effective care for well over 100 years.
A Little History

• Nurses first gave anesthesia while caring for wounded soldiers on the battlefields of the Civil War. It is from here the specialty of Nurse Anesthesia was formed.

• Nurses were the first professional group to provide anesthesia services in the United States, and Nurse Anesthesia is recognized as the first Clinical Nursing Specialty.

• Since World War I, nurse anesthetists have been the principal anesthesia providers to every combat area of every war in which the U.S. has engaged. They have been honored and decorated by the U.S. and foreign governments for outstanding achievements, dedication to duty, and competence in treating the seriously wounded.
Nurse Anesthesia

- Nurses were the first professional group to provide anesthesia services in the United States.
- Established in late 1800’s in response to surgeons seeking a solution to high morbidity and mortality attributed to anesthesia at that time.
- Surgeons saw nurses as professionals who could give their undivided attention to patient care during surgical procedures.
Anesthesia History

- 1998 – Council on Accreditation of Nurse Anesthesia Educational Programs required that all anesthesia graduates be awarded at least a master’s degree by October 1, 1998.

- 1998 – Movement of schools of anesthesia from hospitals to universities was finally accomplished, taking over 50 years to fulfill the visions of early nurse anesthesia leaders.

- By the year 2025, the entry level of practice for CRNAs will be the DNP (Doctorate of Nursing Practice)
1986 – Congress passes legislation providing CRNA’s direct reimbursement under Medicare Part B, making nurse anesthetists the first non-physician group to be granted reimbursement rights under Medicare.

1996 – Task Force on Doctoral Education formed

1997 - Health Care Financing Administration of the U.S Dept. of Health and Human Services released a proposed rule to defer to the states on physician supervision of CRNA’s for Medicare cases.
Time Moves on in Anesthesia Practice

- April 25, 2012 KENTUCKY! Became 17\textsuperscript{th} Opt Out State

\textit{Gov. Beshear:}

- “CRNAs have provided safe anesthesia care for more than 150 years to patients of all ages, for all types of procedures, and in every setting in which anesthesia care is delivered. Since the first opt-out in December 2001, access to high quality anesthesia care has increased and patient safety has remained the standard. KyANA applauds Gov. Beshear for recognizing this and for taking this action.”
Gov Beshear’s Landmark Citations:

- August 2010 issue of *Health Affairs*, examined nearly 500,000 individual cases involving anesthesia and confirmed what previous studies have shown: CRNAs provide safe, high-quality care that is the same with or without physician supervision.

- *Journal of Nursing Economic*$$, May/June 2010: This study considered the different anesthesia delivery models in use in the United States today, and showed that CRNAs acting as the sole anesthesia provider cost 25 percent less than the second lowest cost model.
WHY Would I Want to be a Nurse Anesthetist?

- CRNAs administer 65% of all anesthetics given to patients in the U.S. every year.
- SOLE providers for more than 2/3 of U.S. hospitals
- 70 million rural people have access to anesthesia via CRNAs
- CRNAs are permitted and qualified to practice in EVERY state of the nation
WHY Would I Want to be a Nurse Anesthetist?
WHY Would I Want to be a Nurse Anesthetist?

- It costs eight times as much to educate an anesthesiologist as it does to educate a CRNA, yet the report from Gov. Beshear states that
  
  - “The researchers also confirmed that there is no research to indicate that CRNAs and physician anesthesiologists aren’t equally safe providers.”
  - (Advantage in healthcare crunch times for government and societal issues!)
WHY Would I Want to be a Nurse Anesthetist?

- Practice in every healthcare setting:
  - Hospital surgical suites
  - Obstetrical delivery rooms
  - Critical Access Hospitals
  - Ambulatory Surgical Centers
  - Dentists
  - Podiatrists
  - Ophthalmologists
  - Plastic Surgeons
WHY Would I Want to be a Nurse Anesthetist?

More Settings:
- Public Health Services
- Military
- Veterans Administration Healthcare settings

Practice Solo
- Practice in Groups
- Practice Collaboratively

Independent or Contracting arrangements with Hospitals and Physicians
WHY Would I Want to be a Nurse Anesthetist?

- Primary Role: Taking care of patients **ONE AT A TIME**
  - Before procedures
  - During Procedures
  - After procedures

- Constant Monitoring functions and modifying anesthetics to ensure maximum comfort and safety
WHY Would I Want to be a Nurse Anesthetist?

- One of the best-paid nursing specialties.
- In 2002, the median annual salary was 123,000.
- And Now?......

- CNN REPORT: 2009
- In New York, Primary care doctors were offered an average base salary of $173,000 in 2009 compared to an average base salary of $189,000 offered to certified nurse anesthetists, or CRNAs

- Projections for 2010 indicate that the average base salary for family physicians will be about $178,000 compared to $186,000 for CRNAs
WHY Would I Want to be a Nurse Anesthetist?

- PRIDE IN OUR WORK:
- “During surgery, the patient’s life often rests in the hands of the anesthesia provider. This awesome responsibility requires CRNAs to fully utilize every aspect of their anesthesia education, nursing skills, and scientific knowledge. CRNAs vigilantly monitor the patient’s vital signs, regulate the anesthetic as necessary, analyze situations, make decisions, communicate clearly with the other members of the surgical team, and respond quickly and appropriately in an emergency.”
So HOW Do I Become a Nurse Anesthetist?
HOW Do I Become a Nurse Anesthetist?

- The education involves rigorous training: 36 months of graduate/doctoral course work

- Clinical and classroom experience
  - Anatomy & Physiology
  - Pathophysiology
  - Chemistry & Biochemistry
  - Physics and Pharmacology
  - Ethics
  - Informatics
  - Research
  - Epidemiology
  - Theory

All incorporated with anesthesia techniques and components as related to anesthesia for all types of surgery & obstetrics
HOW Do I Become a Nurse Anesthetist?

Requirements for BH/MSU Anesthesia Program:

- Bachelor’s of Science in Nursing
- Unencumbered License as a Registered Nurse
- Minimum of one year acute care (ICU/CCU) nursing experience.
- Current PALS, ACLS, BLS certification
- GRE scores including 500 on verbal and 500 on Quantitative (Equivalents on new scoring system: 500 Verbal Old System = 153 New System, 500 Quantitative Old System = 144 New System)
HOW Do I Become a Nurse Anesthetist?

- Apply first to the Graduate School of Murray State University.

- Then apply to the Graduate School of Nursing at Murray State.

- Requirements for BH/MSU Anesthesia Program:
  - Applications to program are submitted with specific other criteria, currently including a goal statement.
  - An interview with faculty is required.
Program Curriculum

- 36 months – 79 Semester hours
- BSN → DNP
- 9 semesters + 2 Winter Intensives
- Start – Fall
- Graduate – August
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<tr>
<th>Fall 1</th>
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<tr>
<td>NUR 900 Philosophy of Science</td>
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<td>3 clinical hours: 1 credit hour ratio</td>
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## Second Year

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<td>NUR 684 Informatics</td>
<td>NUR 700 Health Care Policy</td>
<td>NUR 723 Advanced Principles and Practice of Nurse Anesthesia for Special Populations</td>
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<td>and Patient Care Technology</td>
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<td>NUR 642 Advanced Pharmacology</td>
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<td>NUR 722 Basic Principles and Practice of Nurse Anesthesia</td>
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<td>NUR 721 Intro to Principles and Practice of Nurse Anesthesia</td>
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<td>NUR 724 Clinical Physiology &amp; Anesthetic Applications I</td>
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## Third Year

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<td>NUR 701 Leadership/Management of Systems</td>
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<td>NUR 800 DNP Seminar</td>
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79 Semester Hours. Meets 1000 hour Clinical Hour Minimum
First graduating class August, 1994

214 graduates – Practicing in 19 states

Current enrollment: 36 students
(18 first year & 18 second year)

Permanent clinical sites: 11
Optional clinical sites: 12
So WHY Would I Want to be a Nurse Anesthetist?

• The possibilities are endless!
QUESTIONS?