




Past, Present, and Future of the CRNA credential


Presented By
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What is your highest level of education? 


- Current SRNA in a doctoral program
- Bachelor Degree + CRNA certificate
- Master Degree
- Doctoral degree (All types: PhD, EdD, DNAP, DNP, etc.)

2

Put these APRNs in historical order 

- Midwife, Nurse Practitioner, CRNA
- Nurse Practitioner, CRNA, Midwife
- CRNA, Midwife, Nurse Practitioner

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CRNAs with a master's degree are you considering a doctoral degree? 

- Absolutely not
- I'm on the fence
- Absolutely

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Past, Present, and Future of the CRNA credential

- How did we get here?
- Where are we now?
- Where are we going?

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Robert Liston FRCSE, FRCS, FRS – Scottish surgeon



Legendary surgical case with 300% mortality

1. Borrowed from <https://allaboutnursing.com/robert-liston/>

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1877 **JOBS WANTED** 1877

Occasional Anesthetist

Requirements: Resident in training,
Office nurse, orderly, or anyone with a pulse
willing to put someone else's life at risk.
Pay: Probably not
Respect: zero
Telegram or Courier pigeon if interested

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Sister Mary Bernard

- The first nurse to specialize in anesthesia
- 1877 Established Sisters of Saint Francis of Wichita, Kansas

Nurse Anesthetist



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1881 Ambulance



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1883 - Dr. W. Mayo, in conjunction with the Sisters of Saint Francis, opened a hospital in Rochester, Minnesota.


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CHLOROFORM TO ETHER

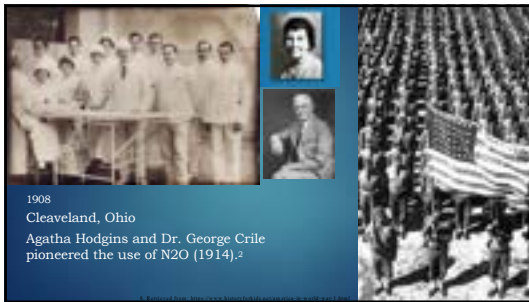
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Alice Magaw



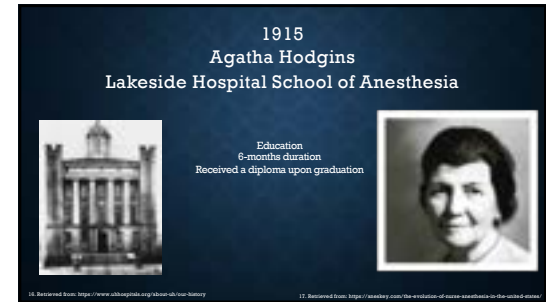
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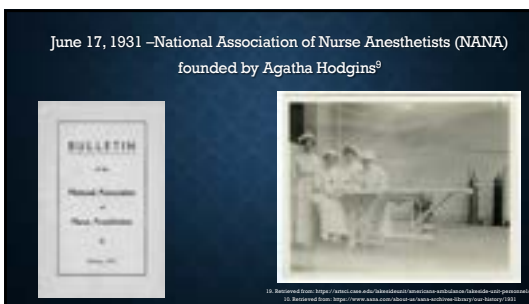
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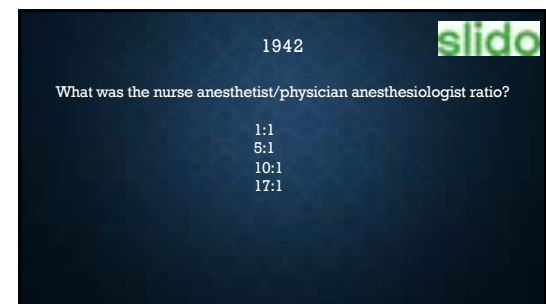
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1975
AANA




COA
Accredits CRNA schools

NBCRNA
National exam and recertification

AANA
Professional organization for CRNAs

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1977 Propofol



1978
AANA implements and mandates recertification

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1978
FIRST CRNA MASTER'S DEGREE PROGRAM



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1986
Bachelor's degree required

1998
All CRNA school award a Master's degree


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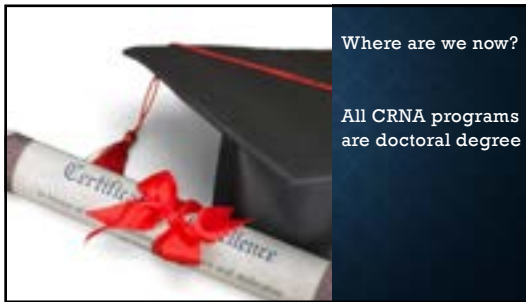
CRNAs: A short history of nurse anesthesia and the future of anesthesia care

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2007
First CRNA Doctor of Nurse Anesthesia Practice

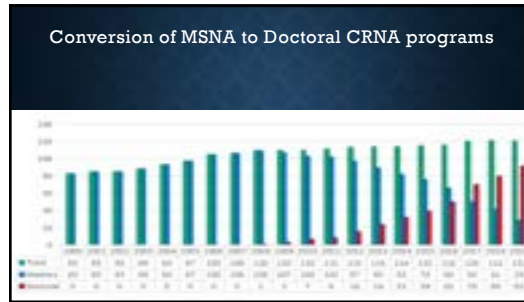


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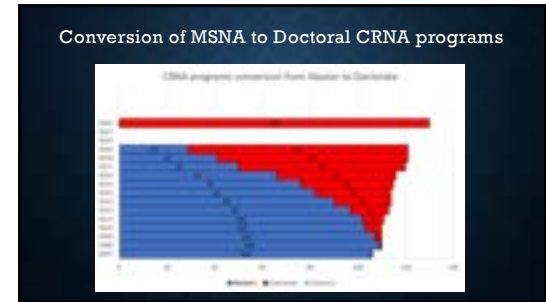


Where are we now?
All CRNA programs are doctoral degree

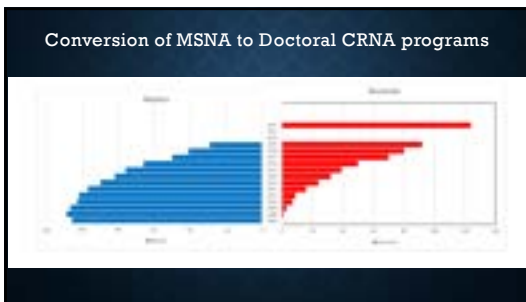
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Doctorate/Doctor is a Latin term that means?

- A. To teach/teacher
- B. To study/Student of life
- C. Academic Promeslesgo/Academic


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CLASSIFICATION OF DOCTORAL DEGREES


| | | |
|---|--|---|
| Honorary Doctorates h.c. <small>Awarded to celebrate an individual's achievements</small> | Professional Doctorates (Terminal) DNAP & DNP Doctor of Medicine Juris Doctor (JD) Doctor of Dental Surgery (DDS) Doctor of Veterinary Medicine (DVM) Doctor of Optometry (OD) Doctor of Pharmacy (Pharm.D) Doctor of Podiatric Medicine (DPM) Doctor of Chiropractic (DC) Doctor of Physical Therapy (DPT) | Academic Doctorates (Terminal) Doctor of Philosophy (PhD) Doctor of Engineering Doctor of Education (EdD) |
|---|--|---|

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HONORARY DOCTORATES "H.C." (HONORIS CAUSA)



Benjamin Franklin
1789 University of St. Andrews
1762 University of Oxford



Albert Einstein
1919 University of Rostock
Doctorate of Medicine



Guess who?
71 honorary doctorates
1 honorary masters


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Guess who?


He has 72 Honorary Degrees to his name and 71 of them are Doctoral degrees.

Hint: **Bill**


A. Bill Gates



B. Bill Clinton



C. Bill Murray



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Terminal Doctoral Degrees

Professional Doctorates

Purpose: Obtain knowledge and skills for the credential or license required for professional practice.

*U.S. Department of Education

DNAP & DNP
 Doctor of Medicine
 Juris Doctor (JD)
 Doctor of Dental Surgery (DDS)
 Doctor of Veterinary Medicine (DVM)
 Doctor of Optometry (OD)
 Doctor of Pharmacy (Pharm.D)
 Doctor of Podiatric Medicine (DPM)
 Doctor of Chiropractic (DC)
 Doctor of Physical Therapy (DPT)

Academic Doctorates

Purpose: - Creation of new information into a field

*Department of Education's National Center for Education Statistics

International Standard Classification of Education (ISCED) acknowledges these doctoral degrees


PhD
 Doctor of Engineering
 Doctor of Education -EdD

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Academic Doctoral Degree vs Practice Doctoral Degree

Academic Doctoral Degree

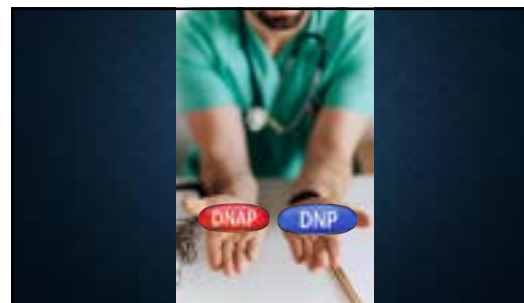
The thinker solves tomorrow's problems



Practice Doctoral Degree

The doer gets things done today

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Practice Doctorates for CRNAs

| | |
|--|---|
| <p>DNP <u>Doctor of Nursing Practice</u></p> <p>Terminal degree for any advanced practice nurse.</p> <p>CRNA NP CNS Nurse Midwife</p> <p>The focus is to advance nursing practice as a whole.</p> <p>Typically taught by nurse DNP, EdD, or PhDs that are non-CRNA.</p> | <p>DNAP <u>Doctor of Nurse Anesthesia Practice</u></p> <p>Terminal degree exclusive for CRNA education and advancement</p> <p>CRNA</p> <p>The focus is to advance and promote nurse anesthesia practice specifically.</p> <p>Typically taught by CRNAs that are DNAP, EdD, or PhD.</p> |
|--|---|

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Practice Doctorates for CRNAs

| | |
|---|---|
| <p><u>DNP Curriculum</u></p> <ul style="list-style-type: none"> ▶NURS 602 Data Management, Quality Improvement and Evaluation for Advanced Nursing Practice ▶NURS 605 Advanced Evidence-Based Practice in Nursing ▶NURS 640 DNP Clinical Practicum: Professional Role Development ▶NURS 615 Epidemiology and Clinical Prevention ▶NURS 630 Healthcare Policy, Ethics and Advocacy ▶NURS 695 Seminar in Integrative Clinical Scholarship ▶NURS 697A Integrative Clinical Scholarship I: Evidence-Based Practice ▶NURS 610 Leadership, Management, and Econ in Advanced Nursing Practice ▶NURS 620 Nursing Informatics in Healthcare ▶NURS 697B Integrative Clinical Scholarship III: Evidence-based Practice ▶NURS 652 Instructional Design in Nursing Education for DNP Students | <p><u>DNAP Curriculum</u></p> <ul style="list-style-type: none"> ▶ANE 800 – CRNA Leadership ▶ANE 803 – Patient Safety ▶ANE 804 – Economics/Business of Anesthesia ▶ANE 806 – Professional Practice Anesthesia ▶ANE 807 – Healthcare Ethics for Anesthesia Providers ▶ANE 754 – Healthcare Ethics for Anesthesia Providers ▶ANE 810 – Health and Wellness (Self-improvement & drug use pathology) ▶ANE 897 – Capstone (Doctoral Project) ▶ANE 898 – Capstone (Doctoral Project) |
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How to choose DNP or DNAP program

Look at the content of each program (they are very different)

Talk to at least 1 CRNA who went through each of the programs to give you meaningful insight

Which degree better represents your interests

Pick the program that represents your profession

Pick the program that is compatible with your life

Right doctoral program for you!

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CRNA Field Benefits of a DNAP /DNP degree

- ▶ Ensure credentials are commensurate and reflective of the anesthesia field
- ▶ Current CRNA practice is at the Doctoral level but most have an MSNA degree
- ▶ Promotion of the field to obtain greater autonomy and self-regulation.
- ▶ Greater and more self-evident distinction of CRNA education
- ▶ Terminal degree promotes the highest education standard, which prevents erosion of scope of practice.

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DNAP/DNP degree for CRNAs

Opens other professional avenues

- ▶ Expert Witness for court proceedings
- ▶ Professor in Schools of Anesthesia
- ▶ Climb the professional ladder and become a representative of NBCRNA, COA, AANA, local and state CRNA governing bodies, or Work Unions
- ▶ Prevents FOMO!

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Excuses not to obtain a DNAP/DNP degree

- ▶ FT work, 3 Kids (ages 16, 14, and 2) = no time for family/personal needs
- ▶ In trepidation about going back to school after a decade as a CRNA = Academic intimidation
- ▶ Professionally content = I am comfortable with life
- ▶ No difference in CRNA's with MSNA or DNAP = Doctoral degree does not change what you are doing as a CRNA
- ▶ Spouse was hesitant because of time and financial commitment = no time for family/how much more money is this CRNA thing going to cost?!
- ▶ 4 years out and still PTSD from CRNA school = quality of life.

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No Excuses!

If you have ever c/o

- Autonomy – being able to make full decisions over the anesthetic management
- Recognition – being fully appreciated as a professional expert
- Prescription writing – having the ability independent of the hospital to write Rx
- Self-governance – ability to decide our own professional direction
- Full practice – the ability to work at the full scope of training and education
- Independent practice – the ability to work without supervision

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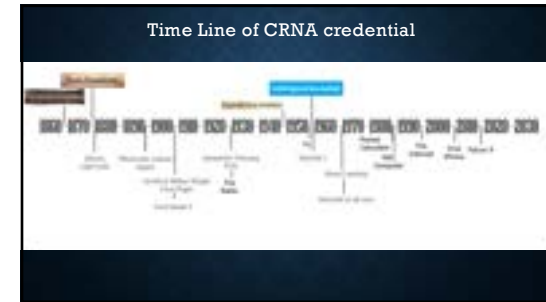
Uncle BEN to the rescue!!!

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Hx of CRNA education and credential

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|---|--|--|--|
| 1860's Civil War Nurses administered Chloroform | 1870- 1900 Nurses and anyone else would administer anesthesia | 1877 Sister Mary Bernard First Nurse Anesthetist | 1898 First school of Anesthesia St. Vincent Hospital, Agnes McGe |
| 1945 AANA First national exam for nurse anesthetists | 1984 AANA accredited 72 schools | 1986 CRNA credential | 1978 First Masters Degree |
| 2007 First DMAP Degree | 2022 Only Doctoral Schools of Anesthesia | 2025 NBCRNA board exam requires a doctoral degree | |

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1955 view of CRNA credential

Certified – Distinguishes the provider as a competent provider

Registered – used to modify the word nurse, to delineate gap between RN and LVN education

Nurse – Trusted healthcare provider

Anesthetist – Firmly establishes the role of the APRN as an anesthesia provider

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2022 view of CRNA credential

Certified – Many professions use certification and there is no implied educational standard

Registered – Not specific to the anesthesia profession, it is superfluous as only RNs can become CRNAs.

Nurse – Trusted healthcare provider but without being modified appropriately it does not distinguish the level of education

Anesthetist – Establishes the role of the APRN but the preceding "Certified Registered" fails to convey the level of education

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Where do we go from here?

The CRNA credential is nearly 70 years old

How well does it reflect our profession and the direction that it is trying to move?

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What have similar professions done with their doctoral degree and title?

| Profession | Doctoral Degree | Current Credential |
|---------------------|-----------------------|--|
| Physicians | MD (1862), PhD (1910) | Doctor of Medicine (MD), Doctor of Osteopathic Medicine (DO) |
| Chiropractors | PhD (1914) | Doctor of Chiropractic (D.C.) |
| Podiatrists | PhD (1916) | Doctor of Podiatry (D.P.M.) |
| Pharmacists | PhD (1917) | Doctor of Pharmacy (Pharm.D.) |
| Psychologists | PhD (1918) | Doctor of Psychology (Psy.D.) |
| Physical Therapists | PhD (1920) | Doctor of Physical Therapy (D.P.T.) |

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Physician Assistant
Physician Associate

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2022 AANA name change

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Future of CRNA credential

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Doctor of Nurse Anesthesiology - Anesthetist

Doctor – acknowledged academic terminal degree of the profession for the 21st century

Nurse – acknowledges initial field of study, importantly it is modified by the preceding and post (Doctor/Anesthesiology)

Anesthesiology – Well known field of study responsible for planning, administering, and monitoring anesthetics.

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CRNAs with master's degrees will retain the title of CRNA
CRNAs with doctoral degrees will obtain the DNA - Anesthetist

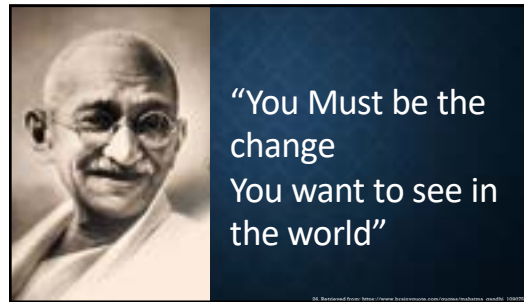
Benefits of DNA title

- Unambiguous visibility of the educational achievements
- Distinguished title demonstrating the depth of the study of nurse anesthesiology
- Unabashedly exemplifies the academic achievements and expertise within the anesthesia field
- Easy to remember DNA acronym and has positive scientific inferences
- Empowers the provider with proper title acknowledgment
- Reassures patients that they are receiving safe and effective care
- Reinforces the leadership role of the provider as a member of the healthcare/OR team
- Clearly identifies and delineates the provider's role and capability
- Prevents encroachment of title via lesser educational attainment
- It will encourage the conversion of MSNA to DNAP degrees!

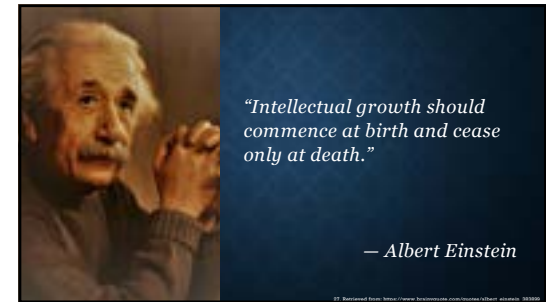
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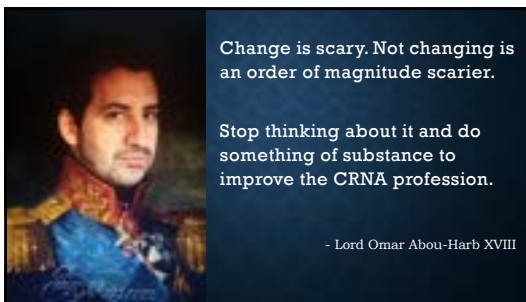
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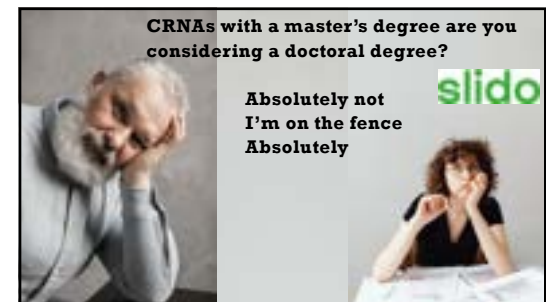
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