

# Mark A. Kossick

October 2019

Western Carolina University  
 College of Health and Human Sciences  
 School of Nursing  
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 Biltmore Lake, NC 28715

## EDUCATION

University of Tennessee Memphis, Tennessee	DNSc, 2003
University of Kansas Lawrence, Kansas	MS Nurse Anesthesia, 1992
Edinboro University Edinboro, Pennsylvania	BS, 1984
Kent State University Ashtabula Campus	AASN, 1977 Nursing

## PROFESSIONAL EXPERIENCE

Date(s)	Institution	Title
2019 – Present	Western Carolina University Cullowhee, North Carolina	Interim Director Post-MSN DNP Program School of Nursing
2018 – Present	Western Carolina University Cullowhee, North Carolina	Director of Graduate Programs Executive Council Member School of Nursing
2013 – Present	UNC Charlotte Charlotte, North Carolina	Adjunct Faculty
2012 – Present	Western Carolina University Cullowhee, North Carolina	Professor with Tenure
2011 – Present	Western Carolina University Cullowhee, North Carolina	Graduate Anesthesia Simulation Education Coordinator
2010 - Present	Western Carolina University Cullowhee, North Carolina	Professor
2009	Bon Secours DePaul Medical Center Norfolk, Virginia	Director of Anesthesia Services
2008 -2009	Union University Jackson, Tennessee	Professor and Senior Fellow
2007	Union University Jackson, Tennessee	Director of Graduate Simulation Education for the Baptist Memorial Health Care Center of Excellence in Health Care Practice

2005 - 2007	Union University Jackson, Tennessee	Professor Director Nurse Anesthesia Program
2004 – 2005	University of Maryland Baltimore, Maryland	Associate Professor Director Nurse Anesthesia Program
2002 - 2004	University of Alabama at Birmingham Birmingham, Alabama	Director of Academic Education
2001 - 2004	University of Alabama at Birmingham Birmingham, Alabama	Associate Program Director
1999 - 2004	University of Alabama at Birmingham Birmingham, Alabama	Associate Professor with Tenure
1999 - 2004	University of Alabama at Birmingham Birmingham, Alabama	Director of Clinical Education
1996 - 2001	University of Alabama at Birmingham Birmingham, Alabama	Assistant Program Director
1993 - 1999	University of Alabama at Birmingham Birmingham, Alabama	Assistant Professor
1992 - 1993	University of Kansas Medical Center Kansas City, Kansas	Assistant Professor
1991 - 1992	University of Kansas Medical Center Kansas City, Kansas	Teaching Associate
1986 - 1991	University of Cincinnati Medical Center Cincinnati, Ohio	Clinical-Didactic Faculty (non-tenure track)
1984- 1986	Garrett and Associates, MD, PA Ft. Myers, Florida	Staff Anesthetist

**TEACHING EXPERIENCE**

**Western Carolina University**

RNs/University based nurse anesthesia program (Master of Nurse Anesthesia)

NSG 414 – Advanced Technology and Pharmacotherapeutics 2 SH (Fall Semester)

*Lecture Topic(s)*

2018 Essentials of EKG Interpretation, Ischemia, Injury, infarction (1 hr)

2018 EKG Lead Selection, Practice EKG Interpretation (1 hr)

NSG 501 – Advanced Practice Issues: Roles and Professional Issues 2 SH On-line course (Spring Semester, asynchronous)

Taught last five-week session of course: Roles and Issues for Nurse Anesthetists

*Lecture Topic(s)*

2010 The Essence of Professionalism  
Regulation of Clinical Practice  
Issues in Providing Clinical Services  
The Politics of Anesthesia Care  
Practice Challenges

NSG 511 – Research for Advanced Nursing Practice 3 SH (Fall Semester, Instructor of Record)  
Blended asynchronous on-line course

*Lecture Topic(s)*

2010-13, 15-17 Module I Foundations of Nursing Research  
Module II Conceptualizing a Research Study  
Module III Designing a Research Study  
Module IV Writing Research Proposals and Reports  
Module V Sampling and Data Collection  
Module VI Analysis and Interpretation of Data

NSG 629 – Foundational Sciences for Nurse Anesthesia 2 SH (Fall Semester, Instructor of Record 2011-18)

*Lecture Topic(s)*

2010 Neural Structure and Function; Neural Synapse (2 hrs)  
Neurophysiology and Cranial Nerves (2 hrs)  
Sensory Systems; Physiology of Pain (2 hrs)  
Mechanisms of General Anesthesia (2 hrs)  
2011-12 Physics, Chemistry, Gases, Vapors (2 hrs)  
2011 Vaporizers, Electricity, Lasers (2 hrs)  
2011 Anatomy & Physiology of Pain (2 hrs)  
2011-13 Monitoring Concepts and Clinical Applications (6 hrs)

- Compliance Curves
- Maximum Velocity of Shortening (Vmax)
- Resistance
- Thermodilution concept/techniques
- Infrared light absorption
- Formulae / Calculation Cardiac & Vascular Parameters- limitations

2011-18 Fundamentals & Clinical Application of Ultrasonography (2 hrs)  
2014-18 Electrocardiography for the Anesthesia Provider (6 hrs)  
2016-18 Chemistry (6 hrs)

NSG 640 – Basic Principles of Anesthesia 3 SH (Spring Semester)

*Lecture Topic(s)*

2010 Intraoperative Monitoring: Electrocardiography (2 hrs)  
2011 Electrocardiography for the Anesthesia Provider (11.5 hrs)  
2012-13 Electrocardiography for the Anesthesia Provider (6 hrs)  
2012-13 Medical Legal Issues (1.5 hrs)  
2014-18 Monitoring Concepts and Clinical Applications (6 hrs)

- Compliance Curves
- Maximum Velocity of Shortening (Vmax)
- Resistance
- Thermodilution concept/techniques
- Infrared light absorption
- Formulae / Calculation Cardiac & Vascular Parameters- limitations

NSG 641 – Advanced Principles of Anesthesia I 2 SH (Summer Semester)

*Lecture Topic(s)*

2010-12 Anesthesia for Otolaryngologic Procedures (2 hrs)  
2011-12 Advanced Electrocardiography for Anesthesia Providers (4 hrs)

NSG 643 – Advanced Principles of Anesthesia III 2 SH (Spring Semester, Instructor of Record)

*Lecture Topic(s)*

2011 Major Neuroaxial Conduction Blocks – Spinal & Epidural Anesthesia (8 hrs)  
Upper and Lower Extremity Blocks (2 hrs)  
Clinical Skills Lab- Regional Anesthesia Techniques (4.5 hrs)

NSG 661 – Anesthesia Pharmacology I 3 SH (Spring Semester, Instructor of Record)

*Lecture Topic(s)*

- 2011-18 Pharmacokinetics Inhalation Anesthetics (9 hrs)
- 2011-18 Pharmacodynamics Inhalation Anesthetics (6 hrs)
- 2011 Pharmacokinetics of Injected Drugs (3 hrs)

NSG 662 – Anesthesia Pharmacology II 3 SH (Spring Semester, Instructor of Record 2010-14)

*Lecture Topic(s)*

- 2010 Antacids, Histamine Antagonists, Gastrointestinal Prokinetics, Antiemetics, and Herbal Remedies (3 hrs)  
Diuretics and Anticoagulants (3 hrs)  
Autonomic Pharmacology (9 hrs)
- 2011 Antiarrhythmics & Arrhythmias (10 hrs)  
Diuretics and Anticoagulants (2 hrs)
- 2012-15 Antiarrhythmics & Arrhythmias (14 hrs)

NSG 687 – Practicum in Nursing Education 3 SH (Fall Semester, Instructor of Record)

MSN Nurse Educator Program

- 2015 *Lecture Topic(s) not applicable- see course description below*  
Students may select their practice opportunities from academic, staff development, or client education settings in which they are not concurrently employed. Student contracts are developed for activities relevant to their career plans. This is a clinical course – a 3 credit hour clinical course is equivalent to 12 contact hours per week, for a total of 180 hours. A preceptor may invite a student to attend faculty meetings, staff meetings or other relevant meetings. It is expected that the student will become immersed in the faculty or staff development role and participate whenever his/her schedule permits. The student will spend at least 4 days in teaching in the clinical setting or other type of hands-on teaching experience (not didactic). The student will document hours in his/her log.

NSG 688 – Clinical Anesthesia Practicum I 1 SH (Spring semester, Instructor of Record)

*Lecture Topic(s) not applicable- see course description below*

- 2012-18 A practicum in acute care settings and simulation labs with graduated, guided instruction in the management of patients receiving various types of anesthesia

*Simulation & Clinical Skills Lab Activities*

(total semester contact hrs 2012 30.5 hrs; 2013 67 hrs; 2014 53.5 hrs; 2015 55 hrs; 2016-18 34 hrs)

- Orientation to the OR  
(2012- 4 hrs) (2013-15 12 hrs)
- Observation Preanesthetic Assessment  
(2012- 2 hrs) (2013 3.5 hrs)
- Practicum:** Preanesthetic Assessment  
(2012 7 hrs) (2013 8 hrs)
- Practicum:** Airway Management  
(2012 3.5 hrs) (2013 6 hrs)
- Orientation to the OR, Preinduction Checklist and Observation Anesthetic Induction  
(2012- 2 hrs) (2013 3.5 hrs) (2014 5 hrs) (2015 6 hrs) (2016-18 10 hrs)
- Practicum:** Preinduction Checklist and Anesthetic Induction (sequence)  
(2012 12 hrs) (2013 21 hrs) (2014 36.5 hrs) (2015 37 hrs) (2016-18 24 hrs)
- Practicum:** Cardinal Ultrasound Imaging Techniques  
(2013 5 hrs) (2014 10 hrs)

NSG 688 (80) (81) – Clinical Anesthesia Practicum III 3 SH (Fall Semester, Instructor of Record)

*Lecture Topic(s) not applicable- see course description below*

- 2013-18 A practicum in acute care settings and simulation labs with graduated, guided instruction in the management of patients receiving various types of anesthesia  
Activities include prebriefing, delivery/participation in scenario, debriefing

*High Fidelity Simulation (Adult HPS)*

Scenario (total semester contact hrs 2013 21 hrs; 2014 23.5 hrs; 2015 35.25 hrs; 2016-18 32 hrs)

- Atrial Fibrillation Rapid Ventricular Response- Cardioversion  
(2013- 21 hrs) (2014- 23.5 hrs) (2015 35.25 hrs) (2016-18 32 hrs)

NSG 689 – Clinical Anesthesia Practicum V 4 SH (Summer Semester)

*Lecture Topic(s) not applicable- see course description below*

2010-14 A practicum in acute care settings and simulation labs with graduated, guided instruction in the management of patients receiving various types of anesthesia Activities include prebriefing, delivery/participation in scenario, debriefing

*High Fidelity Simulation (Adult & Pediatric HPS)*

Scenarios:

- Atrial Fibrillation Rapid Ventricular Response- Cardioversion (2013 21 hrs)
- Bronchospasm (2013 21 hrs) (2014 21.75 hrs)
- Malignant Hyperthermia (2013 21 hrs) (2014 16.75 hrs)
- Pneumothorax (2014 18.5 hrs)
- Anaphylaxis (2019 27.5 hrs)

NSG 689 – Clinical Anesthesia Practicum VI 4 SH (Fall Semester)

*Lecture Topic(s) not applicable- see course description below*

2014 A practicum in acute care settings and simulation labs with graduated, guided instruction in the management of patients receiving various types of anesthesia Activities include prebriefing, delivery/participation in scenario, debriefing

*High Fidelity Simulation (Pediatric HPS)*

Scenarios (total semester contact hrs 2014 50.5):

- Pediatric Anaphylaxis (2014 25.25 hrs)
- Pediatric Ventricular Tachycardia ((2014 25.25 hrs)

NSG 691 – Applied Advanced Clinical Assessment 3 SH (Fall Semester)

MSN Family Nurse Practitioner Program

*Lecture Topic(s)*

2017 Essentials of EKG Interpretation for the Family Nurse Practitioner (7.5 hrs)

NSG 692 – Applied Advanced Clinical Assessment 3 SH (Fall Semester)

MSN Family Nurse Practitioner Program

*Lecture Topic(s)*

2017 Essentials of EKG Interpretation for the Family Nurse Practitioner (7.5 hrs)

NSG 808 – Foundational Sciences for Nurse Anesthesia 2 SH (Fall Semester, Instructor of Record 2018-19)

*Lecture Topic(s)*

2018-19 Electrocardiography Foundational Concepts/Cardinal Concepts (7.5 hrs)

2018-19 Foundational Concepts for Ultrasonography (2 hrs)

2018-19 Chemistry (6 hrs)

NSG 810 – Advanced Physical Assessment and Diagnosis 3 SH (Fall Semester, 2018)

*Lecture Topic(s)*

2018-19 Electrocardiography: Diagnostic Criteria of Pathophysiology Part I (6 hrs)

2018-19 Practice EKG Interpretation Part I (2 hr) Optional Lecture Content

NSG 840 – Basic Principles of Anesthesia 3 SH (Spring Semester)

*Lecture Topic(s)*

2018-19 Foundational Concepts of Cardiovascular Physiology and Pathophysiology (6 hrs)

- Compliance Curves
- Maximum Velocity of Shortening (Vmax)
- Resistance
- Thermodilution concept/techniques
- Formulae / Calculation Cardiac & Vascular Parameters- limitations
- Pressure Volume Loops
- Interpretation of Hemodynamic Waveforms and Pressures

NSG 862 – Advanced Anesthesia Pharmacology II 3 SH (Summer Semester)

*Lecture Topic(s)*

2019 Antiarrhythmics (3 hrs)  
Cardiovascular Drugs (6 hrs)

NSG 901 (80) (81) – Clinical Anesthesia Practicum I 2 SH (Spring semester, Instructor of Record)

*Lecture Topic(s) not applicable- see course description below*

2019 Practicum in simulation laboratory, hospital, or outpatient surgical sites with graduated, guided instruction in the clinical management of patients receiving various types of anesthesia. Each practicum builds on previously developed skills progressing from basic operating room orientation to the administration of anesthesia for patients exhibiting complicated pathophysiology. Focus is on preparation, planning, and implementation of a safe anesthetic, and application of prior classroom learning. Specialty areas such as pediatrics, obstetrics, cardiac, thoracic, trauma, urologic, vascular, orthopedic, neurologic, geriatrics and regional anesthesia are incorporated. Human patient simulation modules will be used to reinforce clinical concepts. Health care team communication, collaboration, and education are stressed. A clinical coordinator at each clinical site will coordinate and monitor the student's progress. It is expected that students will continue clinical rotations through university designated break periods.

*Human Patient Simulation & Clinical Skills Lab Activities*  
(total semester contact hrs 2018-19 48 hrs)

Orientation to the OR, Preinduction Checklist, Observation Anesthetic Induction  
(2019 12 hrs)

**Practicum:** Anesthetic Plan, Preinduction Checklist, Anesthetic Induction  
(2019 36 hrs)

**East Tennessee State University / Visiting Professor**

Doctoral Physical Therapy Students

PHYT 6541- Cardiopulmonary Rehabilitation 2 SH (Summer Semester)

*Lecture Topic(s)*

2019 Electrocardiography for the Physical Therapist (6 hrs)

**Union University**

RNs/University based nurse anesthesia program (Master of Nurse Anesthesia)

NUR 521 – Basic Principles of Anesthesia I (Instructor of Record) 3 SH

*Lecture Topic(s)*

2006-08 Preanesthetic Assessment  
Cardiac Risk Assessment and Extended Testing  
Electrocardiography in Anesthesia I  
2007-08 Simulation with Debriefing  
▪ Preanesthetic assessment  
▪ Anesthesia machine and cart setup  
▪ ECG lead configuration

NUR 522 – Basic Principles of Anesthesia II 3 SH

*Lecture Topic(s)*

2006-07 Medical Gas Supplies  
CO<sub>2</sub> Absorbent  
Fluid Management  
Clinical Practicum at Hospital  
▪ Anesthesia machine check

NUR 531 – Anesthesia Pharmacology I (Instructor of Record) 3 SH

*Lecture Topic(s)*

2006-08 Basic Principles of Pharmacology  
Autonomic Drugs  
Cardiovascular Drugs  
Endocrine Drugs  
2006-07 Chemotherapeutic Drugs  
GI Drugs  
Anticoagulants

Nonsteroidal Anti-inflammatory Drugs

NUR 532 – Anesthesia Pharmacology II 3 SH

*Lecture Topic(s)*

2006-08 Uptake and Distribution of Volatile Anesthetics  
Pharmacology of Volatile Agents

NUR 541 (2006) Advanced Physical Diagnosis: Assessment & Evaluation Across the Lifespan  
changed to NUR 543 – Anesthesia Pathophysiology (2007) 3 SH

*Lecture Topic(s)*

2006-08 Anesthesia for Valvular Heart Disease  
Interpretation of Hemodynamic Data  
Electrocardiography in Anesthesia II  
Pericardial Disease and Cardiac Auscultation  
Practicum Central Venous Line Placement and Airway Management

NUR 551 – Chemical and Physical Principles of Anesthesia Practice 3 SH

*Lecture Topic(s)*

2007-09 Gas Laws and Vaporizers

BIO 509 – Applied Human Gross Anatomy 3 SH

*Lecture Topic(s)*

2006 Epidural Anesthesia  
Spinal Anesthesia  
Ankle Blocks and IV Regional  
Cadaver Lab

- Dissection of Cadavers
- Identification of Cardinal Structures
- Clinical Applications

NUR 691 – Nurse Anesthesia Clinical Residency 1 SH

2007-08

Weekly exams

2008

Simulation with Debriefing

- Anesthesia Management with a Dominant Surgeon
- Anaphylaxis
- IV Infiltration During Induction

**University of Maryland**

RNs/University based nurse anesthesia program (Master of Nurse Anesthesia)

NURS 604 – Pharmacology of Anesthesia Nursing I (Instructor of Record) 1 SH

*Lecture Topic(s)*

2004 Uptake and Distribution of Volatile Anesthetics  
Pharmacology of Volatile Agents

NURS 613 – Principles of Nurse Anesthesia I 2 SH

*Lecture Topic(s)*

2004 Preanesthetic Assessment and Extended Testing

NURS 615 – Regional Anesthesia 2 SH

*Lecture Topic(s)*

2005 Anatomy for Regional Anesthesia  
Spinal Anesthesia  
Epidural Anesthesia

NURS 617 – Chemistry and Physics of Anesthesia Nursing II 1 SH

*Lecture Topic(s)*

2005 Gas Laws and Vaporizers

**University of Alabama at Birmingham**

RNs/University based nurse anesthesia program (Master of Nurse Anesthesia)

NA 620 - Anesthesia Pharmacology I 3 SH (Instructor of Record)

- Lecture Topic(s)*  
 1994-03 Uptake and Distribution of Volatile Anesthetics  
 Pharmacology of Volatile Agents
- NA 621 - Anesthesia Pharmacology II 3 SH  
*Lecture Topic(s)*  
 1994-04 Antiarrhythmics  
 1994-99 Diuretics  
 Antagonists  
 Insulin and Antihyperglycemics  
 Antibiotics and Cancer Therapeutics  
 1994-95 GI Drugs  
 Antihistamines
- NA 640 - Principles of Anesthesia 5 SH (Instructor of Record)  
*Lecture Topic(s)*  
 1994-00, 02-03 Anesthesia Vaporizers  
 1994-03 Gas Laws  
 1994-00 Practicum Anesthesia Machine Check  
 1999-03 Physics of Anesthesia  
 1999-01 Invasive Monitoring  
 Respiratory Monitoring  
 2001-03 Preanesthetic Assessment and Extended Testing  
 2002-03 Fluid Management  
 Documentation  
 Induction / Airway Management / Clinical Skills Lab
- NA 646 – Legal Considerations and Quality Assurance Issues 3 SH  
*Lecture Topic(s)*  
 2002 History of Nurse Anesthesia  
 Credentialing and Privileging  
 Quality Assurance
- NA 650 - Regional Anesthesia 2 SH  
*Lecture Topic(s)*  
 1994-03 Ankle Blocks  
 IV Regional Anesthesia  
 1999-03 Epidural Anesthesia  
 Clinical Skills Lab- Regional Anesthesia Techniques
- NA 660 – Obstetrical Anesthesia 1 SH  
*Lecture Topic(s)*  
 2000 Essentials of Obstetrical Anesthesia
- NA 661 – Anesthesia for Extremes of Age 2 SH (Instructor of Record)  
*Lecture Topic(s)*  
 2002 Growth and Development  
 Pediatric Pharmacology
- NA 670 – Anesthesia Pathophysiology I 3 SH (Instructor of Record)  
*Lecture Topic(s)*  
 1994-04 Cardiovascular Physiology  
 Hypertension & CAD  
 Valvular Heart Disease  
 Pacemakers  
 Congestive Heart Failure  
 Central Line Placement Techniques  
 Interpretation of Hemodynamic Data  
 Pericardial Disease  
 Clinical Skills Lab- Central Line Placement Techniques  
 1994-00, 03-04 Cardiomyopathies  
 1999-00 Anesthesia for Myocardial Revascularization  
 Carotid Endarterectomy



Respiratory Physiology  
 Obstructive and Restrictive Lung Disease  
 Pulmonary Embolism  
 Respiratory Failure  
 Cor Pulmonale  
 1999 Cardiopulmonary Bypass  
 2000 Post-op Pulmonary Complications  
 Ventilator Management

NA 671 - Anesthesia Pathophysiology II 3 SH (Instructor of Record 2003)

*Lecture Topic(s)*

1994-03 Psychiatric Illnesses, Anesthesia for Electroconvulsive Therapy  
 Morbid Obesity  
 2000 Liver & Biliary  
 2003 Two-Dimensional Transesophageal Echocardiography  
 Electrolyte Disturbances

NA 578 (mini-term format) changed to full semester format (NA 678) - Advanced Electrocardiography 3 SH (Instructor of Record)

1994-04 Advanced electrocardiography is designed as a comprehensive study of the essentials of 12 lead ECG interpretation. Its content will include a discussion of the various lead systems, both conventional and modified. The student will also learn how to diagnose from both a 12 lead ECG and intraoperative ECG monitor the following conditions: ischemia, injury, infarction, bundle branch blocks, hemiblocks, axis deviation, sino-atrial, atrial, junctional, and ventricular dysrhythmias, aberrantly conducted beats, along with miscellaneous ECG changes (e.g., hypokalemia, pericarditis, digoxin effects). Other areas to be studied will include ECG changes specific to the pediatric population, along with appropriate pharmacological intervention for the numerous dysrhythmias discussed. Opportunities will also be provided for the students to apply newly acquired electrocardiographic skills by interpreting uninterpreted ECGs.

NA 680 - Anesthesia and Surgical Specialties 3 SH (Instructor of Record 1995-00, 02)

*Lecture Topic(s)*

1995-02 Intraoperative Use of Two-Dimensional Transesophageal Echocardiography  
 1995-99, 02 Volume Resuscitation: Appropriate Use of Crystalloids, Synthetic Colloids, and Blood Products  
 1995-01 Aortic Surgery: Thoracic & Abdominal  
 1995-99 Anesthesia for Orthopedic Surgery  
 Anesthesia for Mediastinoscopy & Bronchoscopy  
 Anesthesia and the Eye  
 PCA, Epidural & Intrathecal Analgesia  
 1998, 02 Trauma Anesthesia  
 2002 Carotid Endarterectomy

NA 681 - Project Seminars 9 months 1 SH (Instructor of Record)

NA 682 - Project Seminars 9 months 1 SH (Instructor of Record)

NA 683 - Project Seminars 9 months 1 SH (Instructor of Record)

NA 684 - Project Seminars 9 months 1 SH (Instructor of Record)

1995-04 NA 684 Series: A four quarter sequence of seminars combined with independent study that culminates in the student writing of a state-of-the art paper related to clinical anesthesia. The student, with guidance of their faculty committee, will select a topic that is currently under significant review in the anesthesia literature. The student will independently research this topic and present his/her progress/findings to classmates and faculty at seminar sessions.

SA 314 - Basic Electrocardiography 2 SH (Instructor of Record)

1997-98 A comprehensive ECG course involving preoperative and postoperative ECG assessment and management of 12 Lead ECGs (arrhythmias, ischemia, injury and myocardial infarction) for the Surgical Physician Assistant Program

**University of Kansas**

RNs/University based nurse anesthesia program (Master of Nurse Anesthesia)

NURA 811 – Clinical Applications 4 SH

NURA 812 – Clinical Applications 8 SH

NURA 813 – Clinical Applications 8 SH

NURA 814 – Clinical Applications 4 SH

NURA 815 – Clinical Applications 8 SH

1992-93

NURA 892 – Seminar 1 SH

NURA 893 – Seminar 1 SH

1992-93

NURA 833 – Basic Principles of Anesthesia 2 SH

*Lecture Topic(s)*

1992-93

Mechanisms of General Anesthesia

Inhalational Anesthesia

NURA 834 – Physical Assessment and Monitoring in Anesthesia 2 SH (Instructor of Record)

NURA 838 – Advanced Principles of Anesthesia 2 SH

*Lecture Topic(s)*

1992-93

CAD: Pathophysiology and Anesthetic Implications

Pre-eclampsia and Eclampsia

**University of Cincinnati Medical Center**

RNs/diploma based nurse anesthesia program

Fundamentals and Principles of Cardiovascular Anesthesia

1987-91

Advanced Principles

1987-91

**RESEARCH AND SCHOLARY ACTIVITY**

Dissertation

University of Tennessee, Memphis, Tennessee (DNsc)

2003

Kossick, M. "Evaluation of a New Modified Chest Lead in Diagnosing Wide QRS Complex Beats of Unknown Origin"

Master Thesis

University of Kansas Medical Center, Kansas City, Kansas (MS)

1992

Kossick, M. "A Comparison of Adenosine, Esmolol, and a Placebo for Control of Heart Rate and Blood Pressure

Following Electroconvulsive Therapy"

**Graduate Students (Chair/Committee Member)**

Master Theses

Western Carolina University, Cullowhee, NC

2013-14 Grey, P., Poziombke, J., **Kossick, M.A.** (Chairman), McDowell, M.

"An evaluation of sedation level using bispectral index (BIS) and correlated adverse events in patients undergoing colonoscopies", Western Carolina University, Cullowhee, NC (Thesis)

2012-13 Youngwood, M., **Kossick, M.A.** (Chairman), Comer, L., Jones, A.M., McDowell, M.

"Does the use of high fidelity simulation enhance the acquisition of physical assessment skills in first year nursing students", Western Carolina University, Cullowhee, NC (Thesis)

- 2011-12 Dawson, T., Comer, L., **Kossick, M.A.** (Committee Member), Neubrandner, J.  
"Can Script Concordance Testing Be Utilized in Nursing Education to Accurately Assess Clinical Reasoning Skills?"
- 2011-12 Harlan, V., Metcalfe S., **Kossick, M.A.** (Committee Member)  
"Variables Influencing Cherokee Indian Underutilization of Public Health Clinics"

#### Master Projects

Western Carolina University, Cullowhee, NC

- 2014-15 Plummer-Roberts A., Trost, C., Seldinger, S., **Kossick, M.A.** (Chairman), Heuer, I.  
"The impact of education, signage, and placement of hand sanitizers on hand hygiene successes among anesthesia providers", Western Carolina University, Cullowhee, NC (approval process via Mission Hospital's Research Institute exceeded 6 months- study discontinued to keep graduate students' from experiencing a deferral in graduation).
- 2014-15 Riley, J., Heuer, A., **Kossick, M.A.** (Chairman). "Guidelines for antibiotic prophylaxis during surgery".
- 2011-13 Fanning, A., **Kossick, M.A.** (Chairman). "Emend as an Adjunct for Postoperative Nausea and Vomiting".
- 2011-13 Baley, K., Michalov, K., **Kossick, M.A.** (Chairman), McDowell, M. "Intravenous Tylenol Applications in Anesthesia".
- 2011-13 Belanger, J., **Kossick, M.A.** (Chairman), McDowell, M. "Methods of identifying and managing the difficult airway in the pediatric population."

#### DNP Projects

Western Carolina University, Cullowhee, NC

- 2019 – present Brittain, A., Robert Courtney, **Kossick, M.A.** (Chairman)  
Topic/Subject TBD
- 2019 – present Guidotti, M., Katrina Pepper, **Kossick, M.A.** (Chairman)  
"Opioid Free Anesthesia"
- 2019 – present Whisnant, H., **Kossick, M.A.** (Chairman)  
"Understanding the Patient's Perspective to Improve Diabetes Care: A Needs Assessment"

#### Master Theses

(Development of proposal, submission to human subjects committee, writing of chapters 1, 2, 3)  
University of Kansas Medical Center, Kansas City, KS

- 1992-93 Landess, W., **Kossick, M.A.** (Chairman). "Vicarious Liability: A Clinical Perspective for Nurse Anesthetists".
- 1992-93 Lazerus, B., **Kossick, M.A.** (Chairman). "A Comparison of Epidural and General Anesthesia for Elective Cesarean Section".
- 1992-93 Pierson, M., **Kossick, M.A.** (Chairman). "Comparison of a Solution of Meperidine, Inapsine, and Atropine with Oral Midazolam in Pediatric Premedication".
- 1992-93 Schuster, M., **Kossick, M.A.** (Chairman). "Mixing Lidocaine with Propofol to Alleviate Painful Injection: Comparing Different Dosages of Lidocaine".
- 1992-93 Thompson, R., **Kossick, M.A.** (Chairman). "The Influence of Preoperative Ketorolac on Intraoperative and Postoperative Analgesic Requirements".
- 1992-93 Williams, M., **Kossick, M.A.** (Chairman). "Effect of Intraarticular Bupivacaine, Bupivacaine, Bupivacaine/Morphine, or Bupivacaine/Sufentanil on Post-arthroscopy Knee Pain".

**Research**

- 2014-15 Plummer-Roberts A., Trost, C., Seldinger, S., **Kossick, M.A.**, Heuer, I.  
"The impact of education, signage, and placement of hand sanitizers on hand hygiene successes among anesthesia providers", Western Carolina University, Cullowhee, NC (approval process via Mission Hospital's Research Institute exceeded 6 months- study discontinued to keep graduate students' from experiencing a deferral in graduation).
- 2013-14 Grey, P., Poziombke, J., **Kossick, M.A.**, McDowell, M.  
"An evaluation of sedation level using bispectral index (BIS) and correlated adverse events in patients undergoing colonoscopies", Western Carolina University, Cullowhee, NC (Thesis)
- 2012-13 Youngwood, M., **Kossick, M.A.**, Comer, L., Jones, A.M., McDowell, M.  
"Does the use of high fidelity simulation enhance the acquisition of physical assessment skills in first year nursing students", Western Carolina University, Cullowhee, NC (Thesis)
- 2011-12 Dawson, T., Comer, L., **Kossick, M.A.**, Neubrandner, J.  
"Can Script Concordance Testing Be Utilized in Nursing Education to Accurately Assess Clinical Reasoning Skills?" (Thesis)
- 2011-12 Harlan, V., Metcalfe S., **Kossick, M.A.**  
"Variables Influencing Cherokee Indian Underutilization of Public Health Clinics" (Thesis)
- 2008-09 Webb, J., **Kossick, M.A.** (Co-investigator)  
"Impact of learning style on simulation performance", Union University, Jackson, TN (Kossick, M.A. participation in study ended prior to completion of research due to leaving the university for a new administrative position).
- 2002-03 **Kossick, M.A.**, Kay, N., Carter, M., Pruett, J., Hill, L.  
"Evaluation of a new modified chest lead in diagnosing wide complex beats of unknown origin", University of Alabama at Birmingham, Birmingham, AL
- 1997-01 **Kossick, M.A.**, Desai, P.  
"An Evaluation of Lidocaine's Effect on Heart Rate, Blood Pressure, and Seizure Duration During Electroconvulsive Therapy", University of Alabama at Birmingham, Birmingham, AL
- 1992 **Kossick, M.A.**, Elliott, C., Hassanein, R., Kovac, A.  
"A comparison of adenosine, esmolol, and a placebo for control of heart rate and blood pressure following electroconvulsive therapy", University of Kansas Medical Center, Kansas City, KS

**PUBLICATIONS**

- Kossick, M.A.** (2018) Clinical Monitoring I: Cardiovascular System, In Nagelhout, J., Plaus, K. (Eds), *Nurse Anesthesia*, 6th ed, Saunders/Elsevier: St. Louis.
- Heuer, A., **Kossick, M.A.**, Riley, J., Hewer, I. Guidelines for antibiotic prophylaxis during surgery. Accepted for publication (2016) by the *AANA Journal*. (Peer Reviewed). Journal publication date to be announced.
- Belanger, J., **Kossick, M.A.** (2015) Methods of identifying and managing the difficult airway in the pediatric population. *AANA Journal*, 83(1):35-41. (Peer Reviewed)
- Baley, K., Michalov, K., **Kossick, M.A.**, McDowell, M. (2014) Intravenous acetaminophen and intravenous ketorolac for management of pediatric surgical pain: A literature review. *AANA Journal*, 82:53-64. (Peer-reviewed)
- Dawson, T., Comer, L., **Kossick, M.A.**, Neubrandner, J. (2014) Can Script Concordance Testing Be Used in Nursing Education to Accurately Assess Clinical Reasoning Skills? *Journal of Nursing Education*, 53:281-286. (Peer-reviewed)
- Kossick, M.A.** (2014) Clinical Monitoring I: Cardiovascular System, In Nagelhout, J., Plaus, K. (Eds), *Nurse Anesthesia*, 5th ed, Saunders/Elsevier: St. Louis.
- Kossick, M.A.** (2014) Inhalation Anesthetics, In Nagelhout, J., Plaus, K. (Eds), *Nurse Anesthesia*, 5th ed, Saunders/Elsevier: St. Louis.

- Kossick, M.A.** (2010) Antiarrhythmics, In Quellette, R., Joyce, J. (Eds), *Pharmacology for Nurse Anesthesiology*. Sudbury: Jones and Bartlett: Sudbury.
- Kossick, M.A.**, Kay, N., Carter, M., Pruet, J., Hill, L. (2009) Evaluation of a new modified chest lead in diagnosing wide-complex beats of unknown origin. *Journal of Electrocardiology*, 24(6), 615. <http://dx.doi.org/10.1016/j.jelectrocard.2009.08.030> (Peer-reviewed)
- Kossick, M.A.** (2009) Clinical Monitoring I: Cardiovascular System, In Nagelhout, J., Plaus, K. (Eds), *Nurse Anesthesia*, 4th ed, Saunders/Elsevier: St. Louis.
- Kossick, M.A.** (2009) Inhalation Anesthetics, In Nagelhout, J., Plaus, K. (Eds), *Nurse Anesthesia*, 4th ed, Saunders/Elsevier: St. Louis.
- Kossick, M.A.**, Wright, E. (2005) Clinical Monitoring in Anesthesia, In Nagelhout, J., Zaglaniczny K. (Eds), *Nurse Anesthesia*, 3rd ed, W.B. Saunders: Philadelphia.
- Kossick, M.A.** (2005) Inhalation Anesthetics, In Nagelhout, J., Zaglaniczny K. (Eds), *Nurse Anesthesia*, 3rd ed, W.B. Saunders: Philadelphia.
- Kossick, M.A.** (2003) *Basic and Advanced EKG Interpretation* (abstract), Summaries of Professional Sessions, 70th Annual Meeting AANA, Boston, MA.
- Kossick, M.A.** (2001) *Handbook of EKG Analysis: Quick, Concise, Simple*, 2nd ed, AANA Publishing, Inc.: Park Ridge.
- Kossick, M.A.** (2000) *EKG Interpretation: Simple, Thorough, Practical*, 2nd ed, AANA Publishing, Inc.: Park Ridge.
- Wright, L., **Kossick, M.A.** (2000) Anesthesia for the ruptured globe. *AANA Journal*, 68:73-83. (Peer-reviewed)
- Kossick, M.A.** (2000) Clinical Monitoring in Anesthesia, In Nagelhout, J., Zaglaniczny K. (Eds), *Nurse Anesthesia*, 2nd ed, W.B. Saunders: Philadelphia.
- Kossick, M.A.** (2000) Inhalation Anesthetics, In Nagelhout, J., Zaglaniczny K. (Eds), *Nurse Anesthesia*, 2nd ed, W.B. Saunders: Philadelphia.
- Kossick, M.A.** (1999) *Handbook of EKG Analysis: Quick, Concise, Simple*, AANA Publishing, Inc.: Park Ridge
- Kossick, M.A.** (1996) *EKG Interpretation: Simple, Thorough, Practical*, Cardiac Resources of North America: Birmingham
- Sinkovich, J., **Kossick, M.A.** (1997) Clinical Monitoring in Anesthesia, In Nagelhout, J., Zaglaniczny K. (Eds), *Nurse Anesthesia*, W.B. Saunders: Philadelphia.
- Kossick, M.A.** (1997) Inhalation Anesthetics, In Nagelhout, J., Zaglaniczny K. (Eds), *Nurse Anesthesia*, W.B. Saunders: Philadelphia.
- Kossick, M.A.** (1996) Interpretation and management of central hemodynamic parameters (abstract), *Summaries of Professional Sessions*, 63rd Annual Meeting AANA, Philadelphia, PA
- Kossick, M.A.** (1994) Advanced cardiac workup (abstract), *Summaries of Professional Sessions*, 61st Annual Meeting AANA, Washington, DC
- Kossick, M.A.** (1994) Sick heart: Pharmacologic tuning (abstract), *Summaries of Professional Sessions*, 61st Annual Meeting AANA, Washington, DC
- Kossick, M.A.** (1990) The use of opioids in the control of postoperative pain (abstract), *Summaries of Professional Sessions*, 57th Annual Meeting AANA, Atlanta, GA
- Kossick, M.A.** (1990) The newest opioids – alfentanil and sufentanil, *Convention Reporter*

**REVIEW OF MANUSCRIPTS**

2019 – Present)	Appointed to serve by the AANA Board of Directors as a member of the AANA Journal Editorial Committee. Continue to provide peer review of submitted manuscripts (~ 6-12 per year), participate in journal conferences, and when available, participate in a Writer's Workshop held biannually at the AANA National Meeting.
2011 (06 – Present)	Selected to serve as an AANA Journal Reviewer. Peer-reviewed journal established in 1933 and is the official publication of the American Association of Nurse Anesthetists (average reviewing 1-2 manuscripts per month)
2004 06	Publishing Company Lippincott Williams & Wilkins Journal - AACN Clinical Issues: Advanced Practice in Acute and Critical Care 1 Manuscript
1998 10	Publishing Company Lippincott Williams & Wilkins – Bullets of Anesthesia 1 Book
1998 (03-08)	Publishing Company Blackwell Science Journal – Journal of Advanced Nursing Manuscript 2 Manuscripts
1996 (10)	Publishing Company W.B. Saunders, Textbook – IV Conscious Sedation 1 Chapter
1995 (01- 09)	Publishing Company W.B. Saunders, Textbook – Nurse Anesthesia 3 Chapters
1994 (02-11)	Publishing Company W.B. Saunders, Textbook – Nurse Anesthesia 3 Chapters
1993 (03-12)	Publishing Company W.B. Saunders, Textbook– Nurse Anesthesia 6 Chapters
1992 (07-08)	Publishing Company W.B. Saunders, Textbook– Nurse Anesthesia 4 Chapters

**PRESENTATIONS (Scholarship of Application)****International**

2019 **Kossick, M.A., Topics in Anesthesia:** “Essential Concepts for EKG Interpretation,” “Understanding the Pros and Cons of ST Segment Analysis,” “EKG Lead Selection: How do I Determine What Is Best for My Patient?” “Diagnostic Criteria for Myocardial Infarction,” “EKG Lead Selection and Current Treatment Strategies for Atrial Fibrillation,” and “Practice EKG Interpretation,” (6 CME- 6 CEC), Attendees from Belgium, Canada, Saudi Arabia, and the United States. A. Webb Roberts Center for Continuing Medical Education, Baylor Scott & White Health and Northwest Anesthesia Seminars, Falmouth, Massachusetts, July 15-16, 18-19

**Kossick, M.A., Current Topics in Anesthesia:** “Essential Concepts for Accurate EKG Interpretation,” “Understanding the Pros and Cons of ST Segment Analysis,” “EKG Lead Selection: How Do I Determine What Is Best for My Patient?,” “Diagnostic Criteria for Myocardial Infarction,” “EKG Lead Selection and Current Treatment Strategies for Atrial Fibrillation,” “Diagnostic Criteria for Bundle Branch Blocks and Fascicular Blocks,” “Practice EKG Interpretation,” (7 CME- 7 CEC), A. Webb Roberts Center for Continuing Medical Education, Baylor Health System/Dallas, Northwest Anesthesia Seminars, Providenciales, Turks and Caicos Islands, April 7-9, 11-12

2018 **Kossick, M.A.** “Comprehensive EKG Seminar” (8 CME- 8 CEC), Attendees from Belgium, Australia, West Indies, Saint Kitts, and Nevis. A. Webb Roberts Center for Continuing Medical Education, Baylor Scott & White Health and Northwest Anesthesia Seminars, Las Vegas, Nevada, December 10

**Kossick, M.A. Clinical Concerns in Anesthesia:** “Cardinal Skills for Comprehensive EKG Interpretation,” “EKG Lead Configuration, Potential EKG Anatomical Mapping, and Evidence of Ischemia,” “Understanding the Pros and Cons of Computerized ST Segment Analysis,” “EKG Lead Selection: Does It Matter?” “The Preop 12-Lead EKG and Prior MI: What Is the Diagnostic Criteria?” “Practice 12-Lead EKGs and Rhythm Strips I,” “Diagnostic Criteria and Clinical Implications for Axis Deviation, Hypertrophy, Bundle Branch Blocks and Hemiblocks,” “Diagnostic

Criteria and Treatment Strategies for Atrial Fibrillation," "American Heart Association Update on the Treatment Strategies for Malignant Arrhythmias," "Practice 12-Lead EKGs and EKG Rhythm Strips II," (10 CME- 10 CEC). A. Webb Roberts Center for Continuing Medical Education, Baylor Health System/Dallas, Northwest Anesthesia Seminars, Alaska Hubbard Glacier via the Inside Passage Cruise, July 9, 11, 13-14

**Kossick, M.A.** "Cardinal Skills for Comprehensive EKG Interpretation," "EKG Lead Configuration, Potential EKG Anatomical Mapping, and Evidence of Ischemia," "Understanding the Pros and Cons of Computerized ST Segment Analysis," "EKG Lead Selection: Does It Matter?" "The Preop 12-Lead EKG and Prior MI: What Is the Diagnostic Criteria?" "Diagnostic Criteria and Clinical Implications for Axis Deviation, Hypertrophy, Bundle Branch Blocks and Hemiblocks," (6 CME- 6 CEC), Attendees from Lebanon, Australia, New Zealand, Canada, Iran, Belgium, Netherlands, Jordan. A. Webb Roberts Center for Continuing Medical Education, Baylor Health System/Dallas, Northwest Anesthesia Seminars, Amsterdam, Netherlands, May 21-22, 24-25

**Kossick, M.A.** "Comprehensive EKG Seminar" (8 CME- 8 CEC), Attendees from South Africa, Austria, Australia, Canada. A. Webb Roberts Center for Continuing Medical Education, Baylor Health System/Dallas, Northwest Anesthesia Seminars, Las Vegas, Nevada, April 9

**Kossick, M.A.** "Comprehensive EKG Seminar" (8 CME- 8 CEC), Attendees from Canada and Iran. A. Webb Roberts Center for Continuing Medical Education, Baylor Health System/Dallas, Northwest Anesthesia Seminars, Las Vegas, Nevada, January 22

- 2017 **Kossick, M.A.** "Comprehensive EKG Seminar" (8 CME- 8 CEC), A. Webb Roberts Center for Continuing Medical Education, Baylor Health System/Dallas, Northwest Anesthesia Seminars, Las Vegas, Nevada, November 13
- 2016 **Kossick, M.A.** "Foundational Concepts for Accurate EKG Interpretation," "Understanding the Pros and Cons of Computerized ST Segment Analysis," "EKG Lead Selection: Does it Matter?" "12-Lead EKG Evidence of Myocardial Infarction," "Diagnostic Criteria and Anesthetic Implications of Bundle Branch Blocks," and "Practice 12-Lead EKGs and EKG Rhythm Strips", A. Webb Roberts Center for Continuing Medical Education, Baylor Health System/Dallas, Northwest Anesthesia Seminars, Clearwater Beach, Florida, July 25-28
- 2015 **Kossick, M.A.** "Comprehensive Update EKG Seminar", A. Webb Roberts Center for Continuing Medical Education, Baylor Health System/Dallas, Northwest Anesthesia Seminars, Las Vegas, Nevada, September 6
- Kossick, M.A.** "Comprehensive Update EKG Seminar", A. Webb Roberts Center for Continuing Medical Education, Baylor Health System/Dallas, Northwest Anesthesia Seminars, Las Vegas, Nevada, April 13
- Kossick, M.A.** "EKG Lead Selection for Perioperative Monitoring" (<http://www.fromtheheadofthebed.com/episode17/>), recorded and distributed by "From the Head of the Bed," a podcast for the anesthesia providers worldwide, free open access education (FOAM) [admin@fromtheheadofthebed.com](mailto:admin@fromtheheadofthebed.com), Asheville, North Carolina, April 8
- 2012 **Kossick, M.A.** "Avoiding iatrogenic injury with computerized ST-segment monitoring", 4<sup>th</sup> International Congress of Cardiology, Guangzhou, China, December 4 (accepted invitation but unable to attend)
- 2009 **Kossick, M.A.** "Evaluation of a New Modified Chest Lead in Diagnosing Wide Complex Beats of Unknown Origin" abstract for poster presentation, 34<sup>th</sup> Annual International Society for Computerized Electrocardiology Conference, Panama City, Florida, April 25
- 1999 **Kossick, M.A.** "ST Segment Analysis", "Other Electrocardiographic Changes in the Trauma Patient", "The Role of DO<sub>2</sub> and VO<sub>2</sub> in Resuscitation", 12<sup>th</sup> Annual Trauma Anesthesia and Critical Care Symposium, Chicago, Illinois, May 13
- 1998 **Kossick, M.A.** "Clinical Endpoints for Resuscitation" and "ECG Changes in the Trauma Patient", Trauma Care Update for CRNAs and ICU Nurses in conjunction with the 11<sup>th</sup> Annual Trauma Anesthesia and Critical Care Symposium, Vienna, Austria, May 21
- 1997 **Kossick, M.A.** "Fluid Management of the Trauma Patient", and "Pathophysiological Changes Occurring in the Trauma Patient", Special CRNA Session: Trauma Anesthesia by CRNAs – for CRNAs, 10<sup>th</sup> Annual Trauma Anesthesia and Critical Care Symposium, Baltimore, Maryland, May 15
- 1996 **Kossick, M.A.** "Fluid Resuscitation in Trauma" and "Physiological Changes Occurring in Trauma", Special Symposium for Nurses in Trauma management in conjunction with the 9<sup>th</sup> Annual Trauma Anaesthesia and Critical Care Symposium, The Royal College of Surgeons of England, London, United Kingdom, May 18

1993 **Kossick, M.A.** "Fluid Resuscitation of the Trauma Patient", "Augustine Guide, Nasal Intubation", 6<sup>th</sup> Annual Trauma Anesthesia and Critical Care Symposium, Baltimore, Maryland, May 22

**National**

2019 **Kossick, M.A.** "Comprehensive Update EKG Seminar", A. Webb Roberts Center for Continuing Medical Education, Baylor Scott & White Health and Northwest Anesthesia Seminars, Gatlinburg, Tennessee, October 2

**Kossick, M.A.** "Comprehensive Update EKG Seminar", A. Webb Roberts Center for Continuing Medical Education, Baylor Scott & White Health and Northwest Anesthesia Seminars, Las Vegas, Nevada, September 2

**Kossick, M.A., Current Topics in Anesthesia:** "Essential Concepts for Accurate EKG Interpretation," "Understanding the Pros and Cons of ST Segment Analysis," "EKG Lead Selection: How Do I Determine What Is Best for My Patient?," "Diagnostic Criteria for Myocardial Infarction," "EKG Lead Selection and Current Treatment Strategies for Atrial Fibrillation," "Practice EKG Interpretation," (6 CME- 6 CEC), A. Webb Roberts Center for Continuing Medical Education, Baylor Health System/Dallas, Northwest Anesthesia Seminars, Orlando, Florida, February 14-16

**Kossick, M.A.** "Comprehensive Update EKG Seminar", A. Webb Roberts Center for Continuing Medical Education, Baylor Scott & White Health and Northwest Anesthesia Seminars, Las Vegas, Nevada, February 4

2018 **Kossick, M.A.** "Comprehensive Update EKG Seminar", A. Webb Roberts Center for Continuing Medical Education, Baylor Health System/Dallas, Northwest Anesthesia Seminars, Gatlinburg, Tennessee, October 3

2017 **Kossick, M.A.** "Comprehensive Update EKG Seminar", A. Webb Roberts Center for Continuing Medical Education, Baylor Health System/Dallas, Northwest Anesthesia Seminars, Las Vegas, Nevada, January 16

2016 **Kossick, M.A.** "Comprehensive Update EKG Seminar", A. Webb Roberts Center for Continuing Medical Education, Baylor Health System/Dallas, Northwest Anesthesia Seminars, Gatlinburg, Tennessee, October 5

**Kossick, M.A.** "Foundational Concepts for Accurate EKG Interpretation", "Understanding the Pros and Cons of Computerized ST Segment Analysis", "EKG Lead Selection: Does It Matter?", "12-Lead EKG Evidence of Myocardial Infarction", "Diagnostic Criteria and Anesthetic Implications of Bundle Branch Blocks", A. Webb Roberts Center for Continuing Medical Education, Baylor Health System/Dallas, Northwest Anesthesia Seminars, Asheville, North Carolina, August 15-16

**Kossick, M.A.** "Comprehensive Update EKG Seminar", A. Webb Roberts Center for Continuing Medical Education, Baylor Health System/Dallas, Northwest Anesthesia Seminars, Las Vegas, Nevada, April 11

**Kossick, M.A.** "Comprehensive Update EKG Seminar", A. Webb Roberts Center for Continuing Medical Education, Baylor Health System/Dallas, Northwest Anesthesia Seminars, Las Vegas, Nevada, January 25

2015 **Kossick, M.A.** "Comprehensive Update EKG Seminar", A. Webb Roberts Center for Continuing Medical Education, Baylor Health System/Dallas, Northwest Anesthesia Seminars, Gatlinburg, Tennessee, October 6

**Kossick, M.A.** "Guidelines for Perioperative IV Acetaminophen use in Pediatric Patients," "Applied Clinical Pharmacology for Ryanodex," and "Clinical Implications of Etomidate and Adrenal Insufficiency", A. Webb Roberts Center for Continuing Medical Education, Baylor Health System/Dallas, Northwest Anesthesia Seminars, Branson, Missouri, July 15

**Kossick, M.A.** "Comprehensive Update EKG Seminar", A. Webb Roberts Center for Continuing Medical Education, Baylor Health System/Dallas, Northwest Anesthesia Seminars, Las Vegas, Nevada, January 19

2014 **Kossick, M.A.** "Comprehensive Update EKG Seminar", A. Webb Roberts Center for Continuing Medical Education, Baylor Health System/Dallas, Northwest Anesthesia Seminars, Las Vegas, Nevada, November 17

**Kossick, M.A.** "Comprehensive Update EKG Seminar", A. Webb Roberts Center for Continuing Medical Education, Baylor Health System/Dallas, Northwest Anesthesia Seminars, Las Vegas, Nevada, September 7

**Kossick, M.A.** "Comprehensive Update EKG Seminar", A. Webb Roberts Center for Continuing Medical Education, Baylor Health System/Dallas, Northwest Anesthesia Seminars, Las Vegas, Nevada, April 14



- Kossick, M.A.** "Comprehensive Update EKG Seminar", A. Webb Roberts Center for Continuing Medical Education, Baylor Health System/Dallas, Northwest Anesthesia Seminars, Las Vegas, Nevada, January 20
- 2013 **Kossick, M.A.** "Comprehensive Update EKG Seminar", A. Webb Roberts Center for Continuing Medical Education, Baylor Health System/Dallas, Northwest Anesthesia Seminars, Las Vegas, Nevada, November
- Kossick, M.A.** "Comprehensive Update EKG Seminar", A. Webb Roberts Center for Continuing Medical Education, Baylor Health System/Dallas, Northwest Anesthesia Seminars, Las Vegas, Nevada, September 9
- 2012 **Kossick, M.A.** Ultrasound Lab Practicum Instructor, 2012 Annual Meeting AANA, San Francisco, California, August 6
- Kossick, M.A.** "Cardinal Skills for Accurate Interpretation of Myocardial Ischemia", "ST Segment Deviation Algorithm: A Comprehensive Approach to Avoid Errors in Anesthetic Management", "ECG Lead Selection- Patient Safety and Medical-legal Concerns", "The Pre-op 12 Lead and Prior MI: What Is the Diagnostic Criteria?", "New Recommendations for Treatment of Arrhythmias", Webb Roberts Center for Continuing Medical Education, Baylor Health System/Dallas, Northwest Anesthesia Seminars, Topics in Anesthesia CME/CE Program, Savannah, Georgia, December 13-14
- Kossick, M.A.** "Cardinal Skills for Accurate Interpretation of Myocardial Ischemia", "ST Segment Deviation Algorithm: A Comprehensive Approach to Avoid Errors in Anesthetic Management", "ECG Lead Selection- Patient Safety and Medical-legal Concerns", "The Pre-op 12 Lead and Prior MI: What Is the Diagnostic Criteria?", "New Recommendations for Treatment of Arrhythmias", Webb Roberts Center for Continuing Medical Education, Baylor Health System/Dallas, Northwest Anesthesia Seminars, Topics in Anesthesia CME/CE Program, Hilton Head, South Carolina, September 22
- Kossick, M.A.** "Comprehensive Update EKG Seminar", A. Webb Roberts Center for Continuing Medical Education, Baylor Health System/Dallas, Northwest Anesthesia Seminars, Las Vegas, Nevada, September 9
- Kossick, M.A.** "Cardinal Skills for ECG Interpretation", "ST Segment Deviation Algorithm: A Comprehensive Approach to Avoid Errors in Anesthetic Management", "Understanding Modified versus True Chest Leads", "The Preop 12 Lead and Prior MI: What Is the Diagnostic Criteria?", "Anesthesia Update: Recommendations for Treatment of Supraventricular Arrhythmias", "Anesthesia Update: Recommendations for Treatment of Ventricular Arrhythmias", Coast to Coast Anesthesia Seminars Anesthesia Review and Update CE Program, Clearwater Beach, Florida, March 20-22
- 2011 **Kossick, M.A.** "Comprehensive EKG Seminar", A. Webb Roberts Center for Continuing Medical Education, Baylor Health System/Dallas, Northwest Anesthesia Seminars, Las Vegas, Nevada, November 14
- Kossick, M.A.** "Comprehensive EKG Seminar", A. Webb Roberts Center for Continuing Medical Education, Baylor Health System/Dallas, Northwest Anesthesia Seminars, Las Vegas, Nevada, September 4
- Kossick, M.A.** "Comprehensive EKG Seminar", A. Webb Roberts Center for Continuing Medical Education, Baylor Health System/Dallas, Northwest Anesthesia Seminars, Las Vegas, Nevada, April 3
- 2010 **Kossick, M.A.** "Comprehensive EKG Seminar", A. Webb Roberts Center for Continuing Medical Education, Baylor Health System/Dallas, Northwest Anesthesia Seminars, Key West, Florida, November 3
- Kossick, M.A.** Poster Presentation, "Evaluation of a New Modified Chest Lead in Diagnosing Wide Complex Beats of Unknown Origin" AANA 77<sup>th</sup> Annual Meeting, Seattle, Washington August 9 – 10
- Kossick, M.A.** "Cardinal Skills for Accurate Interpretation of Myocardial Ischemia", Computerized ST Segment Analysis During Anesthesia and in PACU", "How to Select the Best ECG Lead(s) During Anesthesia (True and Modified Chest Leads)", and "ECG Assessment of Myocardial Infarction and Practice 12 Leads", A. Webb Roberts Center for Continuing Medical Education, Baylor Health System/Dallas, and Northwest Anesthesia Seminars, Concord, North Carolina, July 24-25
- 2009 **Kossick, M.A.** EKG Ischemia and Arrhythmia Seminar, Northwest Anesthesia Seminars, Las Vegas, Nevada, September 6
- Kossick, M.A.** EKG Ischemia and Arrhythmia Seminar, Northwest Anesthesia Seminars, Myrtle Beach, South Carolina, July 19
- Kossick, M.A.** EKG Ischemia and Arrhythmia Seminar, Northwest Anesthesia Seminars, Destin, Florida, April 15
- Kossick, M.A.** "The Essentials of EKG Interpretation for Anesthesia Providers", Anesthesia Seminars of America, Washington, DC, March 27-29 Current Topics in Anesthesia- "Challenges to Accurate Interpretation of Myocardial

- Ischemia", How to Select the Best Lead(s) During Anesthesia", Arrhythmia Interpretation and Management", Northwest Anesthesia Seminars, Memphis, Tennessee, March 26
- 2008 **Kossick, M.A.** EKG Ischemia and Arrhythmia Seminar, Northwest Anesthesia Seminars, Brewster, Massachusetts, August 2
- 2007 **Kossick, M.A.** EKG Ischemia and Dysrhythmia Seminar, Northwest Anesthesia Seminars, Las Vegas, Nevada, July 27, November 26
- Kossick, M.A.** The Heart of Anesthesia, Anesthesia Seminars of America, Hot Springs, Virginia, February 10-12
- 2006 **Kossick, M.A.** "EKG Update: Ischemia and Dysrhythmia", Anesthesia Seminars of America, Hilton Head, South Carolina, August 19-20
- Kossick, M.A.** Comprehensive EKG Seminar, Coast to Coast Anesthesia Seminars, Hyannis, Massachusetts, July 10
- Kossick, M.A.** Review and Update on Dysrhythmia Management, Northwest Anesthesia Seminars, Falmouth, Massachusetts, July 9
- 2005 **Kossick, M.A.** EKG Ischemia and Dysrhythmia Seminar, Northwest Anesthesia Seminars, Gatlinburg, Tennessee, October 12
- Kossick, M.A.** EKG Ischemia and Dysrhythmia Seminar, Northwest Anesthesia Seminars, Las Vegas, Nevada, April 11
- 2004 **Kossick, M.A.** The Essentials of EKG Interpretation: Diagnosing Myocardial Ischemia and Conduction Defects, Premiere Anesthesia, Orlando, Florida, July 6
- Kossick, M.A.** EKG Ischemia and Dysrhythmia Seminar, Coast to Coast Anesthesia Seminars, Clearwater, Florida, June 1-2
- Kossick, M.A.** EKG Ischemia and Dysrhythmia Seminar, Northwest Anesthesia Seminars, Las Vegas, Nevada, April 19
- Kossick, M.A.** Review and Update on Dysrhythmia Management, Northwest Anesthesia Seminars, Panama City, Florida, March 25
- 2003 **Kossick, M.A.** EKG Update: Ischemia and Dysrhythmias, Northwest Anesthesia Seminars, Gatlinburg, Tennessee, October 22
- Kossick, M.A.** The Essentials of EKG Interpretation: Diagnosing Myocardial Ischemia and Conduction Defects (5 hrs) Premier Anesthesia Seminars, Orlando, Florida, September 25
- Kossick, M.A.** "Basic and Advanced EKG Interpretation", 70<sup>th</sup> Annual Meeting AANA, Boston, Massachusetts, August 6
- Kossick, M.A.** EKG Update: Ischemia and Dysrhythmias, Northwest Anesthesia Seminars, Las Vegas, Nevada, April 14
- Kossick, M.A.** EKG Update: Ischemia and Dysrhythmias, Northwest Anesthesia Seminars, Las Vegas, Nevada, March 3
- 2002 **Kossick, M.A.** EKG Dysrhythmia Workshop, Northwest Anesthesia Seminars, Gatlinburg, Tennessee, October 23
- Kossick, M.A.** EKG Dysrhythmia Workshop, Northwest Anesthesia Seminars, Las Vegas, Nevada, September 16
- Kossick, M.A.** "Intraoperative ST Segment Monitoring: What Anesthesia Providers Should Know", Northwest Anesthesia Seminars, Myrtle Beach, South Carolina, July 22
- Kossick, M.A.** EKG Dysrhythmia Workshop, Northwest Anesthesia Seminars, Key West, Florida, June 28
- Kossick, M.A.** EKG Dysrhythmia Workshop, Northwest Anesthesia Seminars, Las Vegas, Nevada, April 1
- Kossick, M.A.** EKG Dysrhythmia Workshop, Northwest Anesthesia Seminars, Pittsburgh, Pennsylvania, March 15
- 2001 **Kossick, M.A.** EKG Dysrhythmia Workshop, Northwest Anesthesia Seminars, Gatlinburg, Tennessee, October 3
- Kossick, M.A.** "12 Lead EKG System", "Diagnosing Ischemia and Injury", "Modified Chest Leads and Diagnosing Infarction", "Axis Deviation and Diagnosing Ventricular Hypertrophy", "Bundle Branch Blocks and Hemiblocks", Coast to Coast Anesthesia Seminars, Plymouth, Massachusetts, September 23

- Kossick, M.A.** EKG Dysrhythmia Workshop, Northwest Anesthesia Seminars, Las Vegas, Nevada, November 26
- Kossick, M.A.** EKG Dysrhythmia Workshop, Northwest Anesthesia Seminars, Ontario, Canada, June 1
- Kossick, M.A.** EKG Seminar, The Institute for Post-Graduate Education, Inc., Minneapolis, Minnesota, June 23
- Kossick, M.A.** EKG Dysrhythmia Workshop, Northwest Anesthesia Seminars, Nashville, Tennessee, May 18
- Kossick, M.A.** EKG Dysrhythmia Workshop, Northwest Anesthesia Seminars, Orlando, Florida, April 20
- Kossick, M.A.** EKG Dysrhythmia Workshop, Northwest Anesthesia Seminars, Dallas, Texas, March 16
- 2000 **Kossick, M.A.** "Dysrhythmia Management under Anesthesia", American Heart Association ACLS Lecture, EKG Dysrhythmia Workshop, Northwest Anesthesia Seminars, Orlando, Florida, June 9-10
- Kossick, M.A.** "Comprehensive EKG Analysis", "Ischemia", "Axis Deviation and Bundle Branch Blocks", Fourteenth Annual Anesthesia Seminar, Nurse Anesthesiology Faculty Associates, Hilton Head, South Carolina, May 31
- Kossick, M.A.** "Dysrhythmia Management under Anesthesia", American Heart Association ACLS Lecture, EKG Dysrhythmia Workshop, Northwest Anesthesia Seminars, Nashville, Tennessee, May 19
- Kossick, M.A.** EKG Arrhythmia Workshop, Northwest Anesthesia Seminars, Memphis, TN, April 23
- Kossick, M.A.** EKG Dysrhythmia Workshop, Northwest Anesthesia Seminars, Charleston, South Carolina, April 14
- Kossick, M.A.** American Heart Association, ACLS Instructor for Teaching Stations – Therapeutic Modalities and Dysrhythmias, "Comprehensive EKG Analysis: Ischemia, Axis Deviation, MI, and Bundle Branch Blocks", EKG Dysrhythmia Workshop, Northwest Anesthesia Seminars, Panama City Beach, Florida, March 31 – April
- Kossick, M.A.** EKG Arrhythmia Workshop, Northwest Anesthesia Seminars, Tunica, Mississippi, March 10
- 1999 **Kossick, M.A.** "EKG Interpretation", The Annual CRNA Review and Update in Mexico, The Institute for Post-Graduate Education, Puerto Vallarta, Mexico, February 14
- Kossick, M.A.** "Basic and Advanced EKG Interpretation", 66<sup>th</sup> Annual Meeting AANA, Boston, Massachusetts, August 9-10
- 1998 **Kossick, M.A.** EKG Arrhythmia Workshop, Northwest Anesthesia Seminars, Key West, FL, October 15
- Kossick, M.A.** EKG Arrhythmia Workshop, Northwest Anesthesia Seminars, Pittsburgh, PA, March 13
- 1997 **Kossick, M.A.** "Invasive Monitoring Techniques", "Adenosine", and "Anesthesia for ECT", Northwest Anesthesia Seminars, Williamsburg, VA, December 30-31
- Kossick, M.A.** EKG Dysrhythmia Workshop, "Cardiac Assessment Preop", Northwest Anesthesia Seminars, Branson, MO, June 27-28
- Kossick, M.A.** "The EKG in the Operating Room", The Annual Caribbean Anesthesia Review and Update for the CRNA, The Institute for Post-Graduate Education, Grand Cayman, British West Indies, April 25
- 1996 **Kossick, M.A.** EKG Arrhythmia Workshop, "Important Perioperative Arrhythmias", "Invasive Monitoring Techniques and Interpretation", Northwest Anesthesia Seminars, Panama City, FL, April 8-9
- Kossick, M.A.** Arrhythmia Workshop, "Decisions and Choices in Assessment of the Cardiac Patient", Northwest Anesthesia Seminars, Las Vegas, NV, April 1-2
- 1995 **Kossick, M.A.** "Significant Perioperative Arrhythmia Identification", "Cardiac Assessment for Anesthesia", "Adenosine: Where Does It Fit?", "Swan-Ganz and Anesthesia: Techniques and Interpretation", "Anesthesia for ECT", Northwest Anesthesia Seminars, Anchorage, AK, September 3-5
- Kossick, M.A.** "Interpretation and Management of Central Hemodynamic Parameters", and Coordinator for the Invasive Monitoring Workshop, 62<sup>nd</sup> Annual Meeting AANA, Minneapolis, Minnesota, August 7-9,
- Kossick, M.A.** EKG Arrhythmia Workshop, Northwest Anesthesia Seminars, Seattle, WA, August 4

- Kossick, M.A.** EKG Arrhythmia Workshop, Northwest Anesthesia Seminars, Dallas, TX, March 3
- 1994 **Kossick, M.A.** EKG Arrhythmia Workshop, Northwest Anesthesia Seminars, Savannah, GA, November 11
- Kossick, M.A.** EKG Dysrhythmia Workshop, Northwest Anesthesia Seminars, Ontario, Canada, September 16
- Kossick, M.A.** "Sick Heart: Pharmacological Tuning", "Advanced Cardiac Workup", 61<sup>st</sup> Annual Meeting AANA, Washington, DC, August 17
- Kossick, M.A.** EKG Arrhythmia Workshop, Northwest Anesthesia Seminars, Ft. Lauderdale, FL, August 12
- Kossick, M.A.** EKG Arrhythmia Workshop, Northwest Anesthesia Seminars, Las Vegas, NV, April 22
- 1993 **Kossick, M.A.** "Invasive Monitoring Techniques", and coordinator for Invasive Monitoring Workshop, 60<sup>th</sup> Annual Meeting AANA, San Francisco, California, August 16-18
- Kossick, M.A.** "How Desflurane Will Impact Your Practice", "Adenosine: Antidysrhythmic for the 90's", "Fluid Management for the Trauma Patient", "Anesthesia Concerns for Electroconvulsive Therapy", Northwest Anesthesia Seminars, New Orleans, Louisiana, May 3-4
- Kossick, M.A.** EKG Arrhythmia Workshop, Northwest Anesthesia Seminars, Memphis, TN, March 19
- 1992 **Kossick, M.A.** Spinal/Epidural Practicum Instructor, 59<sup>th</sup> Annual Meeting AANA, Denver, Colorado, August 11
- Kossick, M.A.** EKG Arrhythmia Workshop, Northwest Anesthesia Seminars, Kansas City, MO, May 15
- Kossick, M.A.** "12 Lead EKG Interpretation", "Placement and Management of Large Peripheral Lines", "Hemodynamic Resuscitation", Northwest Anesthesia Seminars – Anesthesiology 1992, Park City, UT, February 22-23
- 1991 **Kossick, M.A.** EKG Arrhythmia Workshop, Northwest Anesthesia Seminars, Baltimore, MD, October 11
- Kossick, M.A.** "Large Peripheral and Central Line Placement Techniques" and "12 Lead EKG Evaluation", Northwest Anesthesia Seminars – Anesthesia Stat, Atlantic City, NJ, September 19
- Kossick, M.A.** "12 Lead vs Office Monitors", Ninth Annual Dental Anesthesia Symposium, Cincinnati, OH, January 19
- 1990 **Kossick, M.A.** "The Use of Opioids in the Control of Postoperative Pain" and "Opioids: The Latest Editions – Alfentanil and Sufentanil", 57<sup>th</sup> Annual Meeting AANA, Atlanta, Georgia, August 14-15
- Kossick, M.A.** Cardiac Arrhythmias, Northwest Anesthesia Seminars, Seattle, WA, May 26-27
- Kossick, M.A.** "What Kind of Rhythm is That?", "Monitoring for Ischemia and Infarction", "Alfentanil/Sufentanil: Clinical Applications", Northwest Anesthesia Seminars – Anesthesia Spectrum, Cancun, Mexico, November 15-16
- 1989 **Kossick, M.A.** EKG Arrhythmia Workshop, Northwest Anesthesia Seminars, Cleveland, OH, May 5

#### **Academic / Visiting Professor**

- 2019 **Kossick, M.A.**, "Electrocardiography for the Physical Therapist," (6 hrs) Doctoral Physical Therapy Program, East Tennessee State University, July 2 (didactic content for PHYT 6541- Cardiopulmonary Rehabilitation 2 SH)
- Kossick, M.A.** "Foundational Concepts for Accurate EKG Interpretation," "Evidence-Based Guidelines for Diagnosing ST Segment Changes," "Decision Algorithm for EKG Lead Selection Including True Chest Leads versus Modified Chest Leads," "Diagnostic Criteria for Myocardial Infarction," "Cardiovascular Monitoring and Valvular Heart Disease," Nurse Anesthesia Program, East Carolina University, Greenville, North Carolina, March 22
- 2018 **Kossick, M.A.** "Foundational Concepts for Accurate EKG Interpretation," "Evidence-Based Guidelines for Diagnosing ST Segment Changes," "Decision Algorithm for EKG Lead Selection Including True Chest Leads versus Modified Chest Leads," "Diagnostic Criteria for Myocardial Infarction," "Cardiovascular Monitoring and Valvular Heart Disease," Nurse Anesthesia Program, East Carolina University, Greenville, North Carolina, February 22

- 2017 **Kossick, M.A.** "ECG Interpretation and Management in Anesthesia Practice", "Critical Assessment & Interventions for Invasive Hemodynamic Data", "Anesthesia Concepts for Patients with Valvular Heart Disease", Nurse Anesthesia Program, East Carolina University, Greenville, North Carolina, January 27
- 2016 **Kossick, M.A.** "ECG Interpretation and Management in Anesthesia Practice", "Critical Assessment & Interventions for Invasive Hemodynamic Data", "Anesthesia Concepts for Patients with Valvular Heart Disease", Nurse Anesthesia Program, East Carolina University, Greenville, North Carolina, January 29
- 2015 **Kossick, M.A.** "ECG Interpretation and Management in Anesthesia Practice", "Critical Assessment & Interventions for Invasive Hemodynamic Data", "Anesthesia Concepts for Patients with Valvular Heart Disease", Nurse Anesthesia Program, East Carolina University, Greenville, North Carolina, January 23
- 2014 **Kossick, M.A.** "Implementing ECG Analysis Across the Continuum of Anesthesia Care" (7 CECs), Nurse Anesthesia Program, Lincoln Memorial University, Harrogate, Tennessee, April 5
- Kossick, M.A.** "ECG Interpretation and Management in Anesthesia Practice", "Critical Assessment & Interventions for Invasive Hemodynamic Data", "Anesthesia Concepts for Patients with Valvular Heart Disease", Nurse Anesthesia Program, East Carolina University, Greenville, North Carolina, January 24
- 2013 **Kossick, M.A.** "ECG Interpretation and Management in Anesthesia Practice", "Critical Assessment & Interventions for Invasive Hemodynamic Data", "Anesthesia Concepts for Patients with Valvular Heart Disease", Nurse Anesthesia Program, East Carolina University, Greenville, North Carolina, April 11
- 2012 **Kossick, M.A.** "Implementing ECG Analysis Across the Continuum of Anesthesia Care" (7 CEC), "Principles of Cardiovascular Monitoring and Anesthesia for Valvular Surgery" (4 CEC), The University of Tennessee Nurse Anesthesia Concentration, Visiting Professor Series, Knoxville, Tennessee, February 11-12
- Kossick, M.A.** "ECG Interpretation and Management in Anesthesia Practice", "Critical Assessment & Interventions for Invasive Hemodynamic Data", "Anesthesia Concepts for Patients with Valvular Heart Disease", Nurse Anesthesia Program, East Carolina University, Greenville, North Carolina, January 20
- 2011 **Kossick, M.A.** "Prerequisite Knowledge to Mentoring Anesthesia Providers in Electrocardiography", "Critical Assessment & Interventions for Invasive Hemodynamic Data", "Anesthesia Concepts for Patients with Valvular Heart Disease", Nurse Anesthesia Program, East Carolina University, Greenville, North Carolina, January 28
- 2010 **Kossick, M.A.** "Anesthetic Challenges with Monitoring for Myocardial Injury and Infarction", "Anesthesia for Patients with Valvular Heart Disease", "Critical Assessment and Interventions for Invasive Hemodynamic Data", Nurse Anesthesia Program, East Carolina University, Greenville, North Carolina, January 22
- 2009 **Kossick, M.A.** "Prerequisite Knowledge to Mentoring Anesthesia Providers in Electrocardiography", "Critical Assessment & Interventions for Invasive Hemodynamic Data", "Anesthesia Concepts for Patients with Valvular Heart Disease", Nurse Anesthesia Program, East Carolina University, Greenville, North Carolina, January 23
- 2008 **Kossick, M.A.** "Critical Assessment of the EKG During Anesthesia: Essential Skills", "Cardinal Concepts in the Assessment & Management of Patients Requiring Invasive Lines", "Anesthesia for Patients with Valvular Heart Disease", University of Akron College of Nursing Graduate Anesthesia Program, Akron, Ohio. June 19
- 2008 **Kossick, M.A.** "Diagnosis and Management of Myocardial Ischemia and Infarction, Dysrhythmia Management Under Anesthesia, Interpretation of Hemodynamic Data, Pathophysiology of Valvular Heart Disease, Nurse Anesthesia Program, East Carolina University, Greenville, North Carolina, January 11
- 2007 **Kossick, M.A.** "Diagnosis and Management of Myocardial Ischemia and Infarction", "Dysrhythmia Management Under Anesthesia", "Interpretation of Hemodynamic Data", "Pathophysiology of Valvular Heart Disease", Nurse Anesthesia Program, East Carolina University, Greenville, North Carolina, March 3
- 2006 **Kossick, M.A.** "Diagnosis and Management of Myocardial Ischemia and Infarction", "Dysrhythmia Management Under Anesthesia", "Interpretation of Hemodynamic Data", "Pathophysiology of Valvular Heart Disease", Nurse Anesthesia Program, East Carolina University, Greenville, North Carolina, March 31
- 2005 **Kossick, M.A.** EKG Seminar, Nurse Anesthesia Program, Wake Forest University, Baptist Medical Center, Winston-Salem, North Carolina, October 6
- Kossick, M.A.** Diagnosis and Management of Myocardial Ischemia and Infarction", "Dysrhythmia Management Under Anesthesia", "Interpretation of Hemodynamic Data", "Pathophysiology of Valvular Heart Disease", Nurse Anesthesia Program, East Carolina University, Greenville, North Carolina, January 10-11

- 2004 **Kossick, M.A.** "Diagnosis and Management of Myocardial Ischemia and Infarction", "Dysrhythmia Management Under Anesthesia", "Interpretation of Hemodynamic Data", "Pathophysiology of Valvular Heart Disease", Nurse Anesthesia Program, East Carolina University, Greenville, North Carolina, January 12-13
- 2003 **Kossick, M.A.** "Preoperative and Intraoperative Assessment of the EKG", University of Akron College of Nursing Graduate Anesthesia Program, Akron, Ohio, June 19
- Kossick, M.A.** "Comprehensive EKG Interpretation", Master of Science Program in Anesthesiology, Barry University, Miami Shores, Florida, February 8
- 2002 **Kossick, M.A.** "Comprehensive EKG Analysis", Kaiser Permanente School of Anesthesia, California State University, and University of Southern California Graduate Program of Nurse Anesthesia, Pasadena, California, November 16
- Kossick, M.A.** "Preoperative and Intraoperative Assessment of the EKG", Duke University Nurse Anesthesia Program, Duke University Medical Center, Durham, North Carolina, November 9
- 2001 **Kossick, M.A.** "Comprehensive EKG Analysis", Kaiser Permanente School of Anesthesia, California State University, and University of Southern California Graduate Program of Nurse Anesthesia, Pasadena, California, November 10
- 2001 **Kossick, M.A.** "Comprehensive EKG Interpretation", Master of Science Program in Anesthesiology, Barry University, Miami Shores, Florida, October 27
- Kossick, M.A.** "EKG Analysis for the Nurse Anesthetist", The University of Akron College of Nursing Graduate Anesthesia Program Continuing Education Series, Akron, Ohio, July 12
- 2000 **Kossick, M.A.** "Comprehensive EKG Analysis", Kaiser Permanente School of Anesthesia, California State University, and University of Southern California Graduate Program of Nurse Anesthesia, Pasadena, California, November 18
- 1999 **Kossick, M.A.** EKG Seminar, Naval School of Health Sciences, San Diego, CA, November 13
- State**
- 2015 **Kossick, M.A.** "Diagnostic Criteria for Atrial Fibrillation and Current Treatment Strategies," "Diagnostic Criteria and Clinical Implications for Conduction Defects," and "Practice 12 Lead EKGs and EKG Rhythm Strips", 2015 Kentucky Association of Nurse Anesthetists Fall Meeting , Lexington, Kentucky, September 26
- 2014 **Kossick, M.A.** "Understanding the Diagnostic Criteria and Anesthetic Implications for Bundle Branch Blocks" and "Anesthesia Review and Update on the Diagnosis and Management of Atrial Fibrillation", North Carolina Association of Nurse Anesthetists District III/IV Meeting, Concord, North Carolina, March 8
- 2014 **Kossick, M.A.** "Essential Concepts for Accurate Interpretation of Myocardial Ischemia", "Intraoperative Computerized ST Segment Analysis: What Every Anesthesia Provider Must Know", and "In 2014- Which ECG Leads Should Be Used in the Operating Room", Kentucky Association of Nurse Anesthetists Spring Meeting, Covington, Kentucky, March 1
- 2013 **Kossick, M.A.** "Cardinal Skills for Accurate Interpretation of Myocardial Ischemia," "ST Segment Deviation Algorithm: A Comprehensive Approach" and "Anesthesia Update on the Management of Atrial Fibrillation", North Dakota Association of Nurse Anesthetists Annual Spring Educational Meeting, Fargo, North Dakota, April 20
- 2011 **Kossick, M.A.** "Reading between the lines: essentials of EKG interpretation", "Computerized ST Segment Analysis- Technology that can Help and/or Hurt", North Carolina Association of Nurse Anesthetists Fall Meeting, Asheville, North Carolina, October 2
- Kossick, M.A.** "Comprehensive EKG Interpretation for the Anesthetist: Serving as the Preop, Periop, Postop Consultant", South Dakota Association of Nurse Anesthetists Spring Meeting, Rapid City, South Dakota, April 30
- 2009 **Kossick, M.A.** "When All Eyes are Fixed On You: Cardinal EKG Interpretation Skills", "A New Modified Chest Lead (MAC1) for Diagnosing Wide Complex Rhythms of Unknown Origin", 2009 Spring Conference, Oregon Association of Nurse Anesthetists Annual Meeting, Sunriver, Oregon, May 2
- 2008 **Kossick, M.A.** "Computerized ST Segment Analysis: Evidence-based Recommendations and Guarding against Iatrogenic Injury", Tennessee Association of Nurse Anesthetists 71<sup>st</sup> Annual Meeting, Nashville, Tennessee, October 17

- 2007 **Kossick, M.A.** "Modified Chest Leads: Why? When? How?", Tennessee Association Student Nurse Anesthetists, Tennessee Association of Nurse Anesthetists 70<sup>th</sup> Annual Meeting, Nashville, Tennessee, October 20,
- 2005 **Kossick, M.A.** "EKG Interpretation from an Anesthetist's Perspective: What You Really Need to Know", Nebraska Association of Nurse Anesthetists Fall Meeting, Lincoln, Nebraska, October 16
- Kossick, M.A.** "EKG Interpretation", Tennessee Association Student Nurse Anesthetists, Tennessee Association of Nurse Anesthetists 68<sup>th</sup> Annual Meeting, Nashville, Tennessee, October 14
- Kossick, M.A.** "Ischemic Algorithms and the Anesthesia Provider: How to Make Sound Clinical Decisions", Ohio State Association of Nurse Anesthetists Spring Convention, Boardman, Ohio, April 16
- Kossick, M.A.** "Anesthetic Considerations for Intraoperative ST Segment Analysis", Iowa Association of Nurse Anesthetists Spring Meeting 2005, Des Moines, Iowa, April 9
- 2004 **Kossick, M.A.** "Anesthetic Considerations for Intraoperative ST Segment Analysis", Fourth Annual Anesthesia Symposium William Beaumont Hospital, Sterling Heights, Michigan, November 20
- Kossick, M.A.** "EKG Interpretation from an Anesthetist's Perspective: What You Really Need to Know", Michigan Association of Nurse Anesthetists 2004 Fall Meeting, Traverse City, Michigan, October 10
- Kossick, M.A.** "The Essentials of EKG Interpretation: Diagnosing Myocardial Ischemia and Conduction Defects", Minnesota Association of Nurse Anesthetists 2004 Fall Meeting, Minneapolis, Minnesota, October 3
- Kossick, M.A.** "EKG Ischemia – Arrhythmia Seminar", Idaho Association of Nurse Anesthetists 2004 Spring Anesthesia Conference, Boise, Idaho, April 24
- Kossick, M.A.** "EKG Ischemia – Arrhythmia Seminar", Maryland Association of Nurse Anesthetists Spring Conference, Columbia, Maryland, March 27
- 2003 **Kossick, M.A.** "EKG Interpretation in the Trauma Patient", "Utilization of the Derived 12-Lead EKG", Alabama Association of Nurse Anesthetists Fall Meeting, Birmingham, Alabama, October 19
- 2002 **Kossick, M.A.** "How to Recognize EKG Evidence of Myocardial Ischemia and Infarction", Oregon Association of Nurse Anesthetists, Portland, Oregon, November 2
- Kossick, M.A.** "12 Lead EKG Systems", "Diagnosing Ischemia and Injury", "Modified Chest Leads and Diagnosing Infarction", "Axis Deviation and Diagnosing Ventricular Hypertrophy", "Bundle Branch Blocks and Hemiblocks", Kansas Association of Nurse Anesthetists 2002 Fall Meeting, October 27
- Kossick, M.A.** "Dysrhythmia Management Under Anesthesia", Oklahoma Association of Nurse Anesthetists Spring Conference, Branson, Missouri, April 21
- 2001 **Kossick, M.A.** "EKG Analysis for the Nurse Anesthetist", Oklahoma Association of Nurse Anesthetists Spring Conference, Tulsa, Oklahoma, May 19
- Kossick, M.A.** "Significant Changes in Dysrhythmia Management: Will the Standard of Care Change?", Alabama Association of Nurse Anesthetists Spring Meeting, Destin, Florida, April 29
- Kossick, M.A.** "EKG Analysis for the Nurse Anesthetist", Ohio State Association of Nurse Anesthetists Spring Meeting, Cincinnati, Ohio, April 21
- Kossick, M.A.** "12 Lead EKG Systems", "Diagnosing Ischemia and Injury", "Modified Chest Leads and Diagnosing Infarction", "Axis Deviation and Diagnosing Ventricular Hypertrophy", "Bundle Branch Blocks and Hemiblocks", Arizona Association of Nurse Anesthetists Spring Meeting, Phoenix, Arizona, March 8
- 2000 **Kossick, M.A.** "Interpretation of Hemodynamic Data", Alabama Association of Nurse Anesthetists Spring Meeting, Destin, Florida, May 5
- Kossick, M.A.** "12 Lead EKG System", "Diagnosing Ischemia and Injury", "Modified Chest Leads and Diagnosing Infarction", "Axis Deviation and Diagnosing Ventricular Hypertrophy", "Bundle Branch Blocks and Hemiblocks", "Practice 12 Leads and Rhythm Strips", Colorado Association of Nurse Anesthetists 2000 Fall Meeting, October 21-22

- 1999 **Kossick, M.A.** EKG Seminar 99, Naval School of Health Sciences, San Diego, California, November 13  
"ST Segment Analysis: What Anesthetist Should Know", Alabama Association of Nurse Anesthetists Fall Meeting, Birmingham, Alabama, October 10
- 1999 **Kossick, M.A.** EKG Interpretation Workshop, 3rd Interregional Educational Symposium for Nurse Practitioners, Physician Assistants, Certified Nurse Midwives, Nurse Anesthetists, Southern California Kaiser Permanente, Newport Beach, CA, August 19
- 1998 **Kossick, M.A.** EKG Dysrhythmia Workshop, University of Southern California Graduate Program of Nurse Anesthesia, Los Angeles, California, November 7
- Kossick, M.A.** "Clinical Endpoints for Resuscitation", Alabama Association of Nurse Anesthetists Spring Meeting, Destin, Florida, May 2
- 1997 **Kossick, M.A.** "ABCs of the EKG", "Recognition of Various Dysrhythmias", "Which Arrhythmias are Really Important?", "Advanced EKG Interpretation", New Mexico Association of Nurse Anesthetists Meeting, Albuquerque, New Mexico, October 4
- Kossick, M.A.** "EKG: From A to Z", Alabama Association of Nurse Anesthetists Spring Meeting, Destin, Florida, May 2
- 1996 **Kossick, M.A.** "The EKG in the Operating Room", The Iowa ANA 1996 Fall Meeting, Des Moines, Iowa, October 26
- Kossick, M.A.** "Advanced EKG Interpretation (Part 1-4)", The Oklahoma Association of Nurse Anesthetists Annual Spring Meeting and Scientific Program, Tulsa, Oklahoma, May 5
- Kossick, M.A.** "Choices and Decisions with Cardiac Assessment in Anesthesia", Alabama Association of Nurse Anesthetists Spring Meeting, Destin, Florida, May 3
- Kossick, M.A.** EKG Dysrhythmia Workshop, The University of Akron College of Nursing Graduate Anesthesia Program Continuing Education Series, Akron, Ohio, February 10
- 1995 **Kossick, M.A.** "Adenosine and Anesthesia", Alabama Association of Nurse Anesthetists Annual Fall Meeting, Birmingham, Alabama, October 6
- 1995 **Kossick, M.A.** "Choices and Decisions with Cardiac Assessment in Anesthesia", Florida Association of Nurse Anesthetists Spring Meeting, Destin, Florida, June 10
- Kossick, M.A.** "Anesthesia for Electroconvulsive Therapy", Alabama Association of Nurse Anesthetists Spring Meeting, May 5
- 1994 **Kossick, M.A.** "Preoperative Cardiovascular Assessment" and "Intraoperative Ischemia, Injury, and Infarction", The Indiana Association of Nurse Anesthetists, Indianapolis, Indiana, November 5
- Kossick, M.A.** "Cardiac Anatomy and Fundamentals of the Lead Systems", "ECG Evidence of Ischemia and Injury", "ECG Evidence of Infarction: Determination of Heart Rate", Diagnosis of Atrial, AV Nodal Dysrhythmias", "Recognition of Atrial/Ventricular Hypertrophy and Determination of Axis, Bundle Branch Blocks", and "Practice 12 Leads", The Alabama Association of Nurse Anesthetists Annual Meeting, Destin, Florida, May 13
- 1993 **Kossick, M.A.** "The Clinical Pharmacology of Desflurane", The Kansas Association of Nurse Anesthetists Spring Business and Educational Meeting, Overland Park, Kansas, May 2
- Kossick, M.A.** "EKG Interpretation from the Anesthesia Perspective", The Oklahoma Association of Nurse Anesthetists Annual Spring Meeting and Scientific Program, Tulsa, Oklahoma, May 1
- Kossick, M.A.** "Ischemia, Injury, and Infarction on a 12 Lead EKG" and "Diagnosing Ischemia and Injury Perioperatively", The South Dakota Association of Nurse Anesthetists Annual Spring Education Meeting, Rapid City, South Dakota, April 3
- 1992 **Kossick, M.A.** "Gaining a Better Understanding of the 12 Lead and Operating Room EKG", The Kansas Association of Nurse Anesthetists Annual Fall Meeting, Wichita, Kansas, November 1
- Kossick, M.A.** "Clinical EKG Monitoring" and "Dysrhythmia Identification and Treatment", The Tennessee Association of Nurse Anesthetists Annual Fall Meeting, Nashville, Tennessee, October 30



- 1990 **Kossick, M.A.** "Recognizing 12 Lead and Intraoperative ECG Evidence of Ischemia and Infarction", The 17th Annual Symposium for Nurse Anesthetists, Perspectives in Anesthesia: 1990, Pennsylvania Association of Nurse Anesthetists, Pittsburgh, PA, September 30
- 1989 **Kossick, M.A.** "Recognizing ECG Evidence of Myocardial Injury" and "Transesophageal Echocardiography", The Kentucky Association of Nurse Anesthetists Annual Meeting, Louisville, Kentucky, April 9
- 1988 **Kossick, M.A.** "Recognizing 12 Lead ECG Evidence of Myocardial Ischemia, Injury and Infarction" and "An Introduction to Transesophageal Echocardiography", Ohio State Association of Nurse Anesthetists, 53rd Annual Fall Meeting, Cincinnati, Ohio, October 16
- 1987 **Kossick, M.A.** "Pharmacokinetics and Clinical Applications of Alfentanil", 1987 State Meeting of the West Virginia Association of Nurse Anesthetists, Charleston, West Virginia, May 10

**Other**

- 2006 **Kossick, M.A.** "EKG Waveform, Segment Identification and the 12 Lead EKG System", "EKG Diagnosis of Myocardial Injury- Intraoperative Segment Analysis", Modified Chest Leads and the Derived 12 Lead EKG", 19th Annual Charleston Anesthesia Conference, Medical University of South Carolina, Charleston, South Carolina, May 7
- 2002 **Kossick, M.A.** EKG Ischemia Arrhythmia Seminar, Ohio Hospital Based Physician's Corporation and Aultman Education and Development, Akron, Ohio, October 19
- 1991 **Kossick, M.A.** "12 Lead vs Office Monitors", Ninth Annual Dental Anesthesia Symposium, Cincinnati, OH, January 19
- 1989 **Kossick, M.A.** "Pharmacokinetics and Clinical Applications of Alfentanil", Nurse Anesthesia Kaleidoscope, Columbus, OH, March 4

**MEDICAL LEGAL EXPERTISE (Scholarship of Engagement)**

- 2016 Medical Legal (Expert Witness) April 29-June 20, 2016, Armbrrecht Jackson LLP, Mobile, Alabama, Dixie Cahill v. Thomas Hospital, Jeana Tarziers, MD., & Eastern Shore Anesthesia Group, P. C., Baldwin County Circuit Court, CV-2015-900102.00
- 2015 Medical Legal (Expert Witness) November 7-9, 2015, Roetzel & Andress, LPA, Akron, Ohio, Virginia A. Johnston, Administratrix of the Estate of Robert Johnson, Deceased v. Forum Health, et al., Mahoning County Court of Common Pleas Case No. 2013 CV1801.
- Medical Legal (Expert Witness) Jimmerson & Hansen, P.C., Las Vegas, Nevada, Joseph Dohl and Patricia Davis, Plaintiffs, vs. Sunrise Mountainview Hospital, Inc. doing business as Mountainview Hospital, Allen Erisman, M.D., Ian Craven, M.D., Sandesh Singh, M.D., Does I-X, and Roe Entities I-X, Defendants. Case No. A-14-698672-C Dept. No.: XIII
- 2012-13 Medical Legal (Expert Witness) Shumaker, Loop, Kendrick, L.L.P., Charlotte, North Carolina Jasmine Bethea, Administratrix of the Estate of Raya Digby v. Charlotte-Mecklenburg Hospital Authority d/b/a Carolinas Medical Center, et al. Mecklenburg County, File No. 11 CVS 17247
- 2012 Medical Legal (Expert Witness) Van Winkle Law Firm, Asheville, North Carolina Tanner Johnston, Plaintiff v. Steven Leslie Kovach, MD, Terumi Teri Kadin, CRNA, and Asheville Anesthesia Associates, PA, Defendants. State of North Carolina County of Buncombe Case No. 11-cvs-05011
- 2011 Medical Legal (Expert Witness) Roetzel & Andress, Law Firm, Akron, Ohio Doris J. Perry, Ind. And as Executrix of the Est. of Earnest D. Perry, MD, Deceased v. Associates in Anesthesiology, Incl. et al. Trumbull County Case No. 2011CV438
- 2010 Medical Legal (Expert Witness) Brown & James, P.C. Law Firm, St. Louis, Missouri Carolyn Hall (James "Elvis" Hall, deceased) v. Advanced Healthcare Management, Inc., et al.
- 2009-11 Medical Legal (Expert Witness) Welch and Kitchens, LLC Attorneys at Law, North Little Rock, Arkansas Eileen Harrison, Individually and as the personal representative of the estate of Paul Harrison, deceased plaintiff vs Dr. Hank Mahler, Dr. Ron Williams, Arkansas Neurosurgery, Brain and Spine Clinic, P.A., John Doe Clinics #1-3; Dr. Brian Alexander, Don Williams, CRNA; Dr. Reginald Barnes Defendants In the Circuit Court of Pulaski County, Arkansas Fifth Division Case No. 07-3799
- 2008-10 Medical Legal (Expert Witness) Spears, Moore, Rebman & Williams, P.C. Law Firm, Chattanooga, Tennessee Bette F. Donathan, et ux. V. The Orthopedic & Sports Medicine Clinic, PLLC, et al.: No. 4:07-CV-18, U.S. District Court, Eastern District of Tennessee at Winchester

**PROFESSIONAL SOCIETY MEMBERSHIPS**

2009-present	North Carolina Association of Nurse Anesthetists
2009	International Society for Computerized Electrocardiography
2009-10	Virginia Association of Nurse Anesthetists
2008-09	International Nursing Honor Society Nu Lambda Chapter of Sigma Theta Tau (Vice-President)
2008-present	International Nursing Honor Society Nu Lambda Chapter of Sigma Theta Tau
2008, 11-12, 15-16	International Association of Simulation in Healthcare
2005-09	Tennessee Association of Nurse Anesthetists
2004-05	Maryland Association of Nurse Anesthetists
1994-95	University of Alabama at Birmingham Chapter of American Association of University Professors
1993-04	Alabama Association of Nurse Anesthetists
1993-04	International Trauma Anesthesia and Critical Care Society CRNA Liaison
1993	Kansas Conference - American Association of University Professors
1991-95	International Anesthesia Research Society
1991-93	Kansas Association of Nurse Anesthetists
1987-91	Ohio Association of Nurse Anesthetists
1984-present	American Association of Nurse Anesthetists

**UNIVERSITY COMMITTEES (Service)****Western Carolina University (WCU)***School of Nursing (SON)*

2016	Convocation Committee
2015-17	Research Day Committee
2014-16	Faculty Affairs Committee
2014-15	Project Committee (Chair)
2013-14	Search Committee RIBN Director
2014	Search Committee Assistant Program Director Nurse Anesthesia Program
2013-14	Graduate Curriculum Committee
2012-18	SON Simulation Committee
2012-present	Collegial Review Committee
2012-present	Post-Tenure Review Committee
2012, 13-14	Chairman Faculty Affairs Committee
2011-12	Co-Chairman Faculty Affairs Committee
2011-present	Theses and Project Chair Committee
2010-11	Chairman, Simulation Ad Hoc Committee SON

October 2010 to present date developed a *high fidelity simulation room and control room* by converting two storage rooms on the Enka Campus. The process was very time-consuming with no prior infrastructure in place. Researched multiple vendors for ordering equipment (e.g., Cisco Pan-Tilt- Zoom camera, computer hard drives, monitors, printer, anesthesia cart), and managed contractors (provided by AB Tech campus administrators) for converting the storage room to a simulation classroom. Developed and established a relationship with regional hospitals to acquire numerous outdated medical supplies to be used by faculty and students within the simulation lab (e.g., spinal and epidural trays, central line insertion trays, various airway devices [LMAs, King endotracheal tubes], general anesthetic depth monitor) at a tremendous cost-saving to the university. Also developed a competitive simulation lab proposal to present to the Academic Technology Advisory Committee to acquire timely IT support.(its ranking by the committee established this simulation lab proposal as a priority item). Developed a SON Simulation Lab Policy-Procedure-Resource Manual which includes the following content areas: 1) simulation for healthcare statement, 2) guidelines for storage and security of student files, 3) scheduling of lab procedures 4) "turnover" requirements for faculty, 5) volunteer

services list, 6) student/observer confidentiality agreement, consent to videotape, photograph, and quote form, 7) student rules and regulations form, 8) simulation data security form, 9) control room orientation form, 10) simulation policy, procedure, resource manual acknowledgement/agreement form.

Graduate Curriculum Committee SON

2010-14, 17-19 Admissions Committee Western Carolina University SON Nurse Anesthesia Program  
Graduate Quality Education Program Committee

2010-present Program Evaluation Committee WCU SON Nurse Anesthesia Program

*College of Health and Human Sciences (CHHS)*

2015-16 Collegial Review Committee (Dean's Appointment)

2014-17 Prevention and Wellness Task Force

2011-12 College Academic Appeals Committee

*University*

2013-16 Western Carolina University's Institutional Review Board (IRB)

2016-17 WCU Graduate and Professional Programs Biltmore Park Open House

2015 (12) Electronic IRB System Task Force

2010-12, 16-18 Chancellors Travel Fund Committee

2010-12 Academic Technology Advisory Committee

**Union University**

*Nursing*

2007-08 Doctorate Nursing Practice Committee Union University SON

2007 Strategic Planning Committee Union University SON

2006-08 Baptist Memorial Health Care Center of Excellence in Health Care Practice (Simulation Committee)

IRB Member Union University

2005-08 School of Nursing Leadership Council

Admissions Committee Nurse Anesthesia NAT

Curriculum Committee Nurse Anesthesia Track

Graduate Faculty Committee SON

*University*

2006-08 IRB Member Union University

**University of Maryland**

*School of Nursing*

2005 Admissions Committee Nurse Anesthesia Program

**University of Alabama at Birmingham**

*Nurse Anesthesia Program*

1993-04 Admissions Committee  
Curriculum Committee (Chair 2002 - 04)

*School of Health Related Professions (SHRP)*

2002-03 Departmental Review Committee for Promotion and Tenure  
2002 Committee, School of Health Related Professions Search Committee (Chair) for Nurse Anesthesia Program Faculty Position  
2001 Appointment with Tenure Review Subcommittee for Faculty Affairs  
2000-03 Budget Committee, Department of Critical Care  
2000-01 Faculty Affairs Committee  
2000 Program, School of Health Related Professions Search Committee for Chair of Department of Critical and Diagnostic Care  
1999 Capital Budget Committee, Department of Critical and Diagnostic Care  
1998-99 Program, School of Health Related Professions Search Committee for Nurse Anesthesia Program Faculty Position  
1998 Program, School of Health Related Professions Search Committee for Director of Clinical Education Respiratory Therapy  
Program, School of Health Related Professions Search Committee for faculty position, Nuclear Medicine Technology  
Program, School of Health Related Professions Search Committee for Director of Clinical Education Surgical Physician  
1997 Advisory Committee (chair) for student appeal  
Instructional Advisory Committee (Department of Critical and Diagnostic Care Representative)  
1995-00 Chairman, Subcommittee for Continuing Education  
1995 Record Retention Guidelines Ad Hoc Committee  
Search Committee for Primary Care Physician Assistant Program Director  
199-00 Academic Affairs Committee

**SERVICE ACTIVITIES**

**Western Carolina University, National, State, and Local**

2019 East Tennessee State University Doctoral Physical Therapy Program 6 hr lecture on electrocardiography (as part of the DPT curriculum [PHYT 6541- Cardiopulmonary Rehabilitation 2 SH], Johnson City, Tennessee, July 2  
Presented three lectures at the East Tennessee State University College of Medicine / Louis A. Cancellaro Primary Care Conference ("Essential Knowledge and Concepts for Accurate EKG Interpretation," "EKG Lead Configuration & Diagnostic Evidence of Myocardial Ischemia & Injury," "Diagnostic Criteria for Myocardial Infarction," Johnson City, Tennessee, March 20

2018 Provided 2.0 hrs of lecture ("Essentials of EKG Interpretation, Ischemia, Injury, infarction" [1 hr] "EKG Lead Selection, Practice EKG Interpretation" [1 hr]) for the WCU SON ABSN undergraduate students as part of their curriculum (NSG 414 – Advanced Technology and Pharmacotherapeutics 2 SH) during the fall semeser (Fall Semester), September 24

- 2017 Provided 7.5 hrs of lecture ("Essentials of EKG Interpretation for the Family Nurse Practitioner") for the WCU SON MSN Family Nurse Practitioner Graduate Students as part of their curriculum (NSG 691 & NSG 692 – Applied Advanced Clinical Assessment 3 SH) during the fall semester, September 26 & October 24
- Biltmore Park Anesthesia High Fidelity Simulation Lab Tour, Asheville, NC, March 15
- 2016 Assisted with completing WCU Nurse Anesthesia Program's Doctor of Nursing Practice (DNP) application to the Council on Accreditation of Nurse Anesthesia Educational Programs. This included completing a DNP crosswalk (mapping specific doctoral courses, DNP objectives, AACN essentials, and COA competencies) for Graduate Standard D.1 – D.19 (Administrative Service)
- Featured speaker and visiting professor for Blue Ridge Healthcare's Department of Anesthesia 2016 Fall Critical Care Conference titled "Arrhythmia Analysis and Current Treatment Strategies", (6 CECs), Morganton, NC, (State Service) November 19
- Mentored future Director of MAHEC's Simulation Center (Elaine Alexander) Biltmore Park High Fidelity Simulation Lab (mentorship included designing a simulation and clinical skills lab, delivery of curriculum, and requirements to direct/manage a simulation center) Asheville, NC, January 27
- 2015-16 AANA National Practice Committee. Committee's responsibilities include developing and revising practice documents – standards of care, practice guidelines, position statements for CRNAs
- 2015 Featured speaker and visiting professor for Blue Ridge Healthcare's Department of Anesthesia 2015 Fall Critical Care Conference titled "Essential EKG Interpretation Skills for Clinical Practice", (7 CECs), Morganton, NC, (State Service) October 31
- Developed and delivered a high fidelity simulation practicum for Mission Health System's Respiratory Therapist (Erin Sterling, MSRT, RCP, NPS, Respiratory Therapy Educator), Biltmore Park High Fidelity Simulation Lab, Asheville, (Local Service) North Carolina, August 26
- 2014 Featured speaker and visiting professor for Blue Ridge Healthcare's Department of Anesthesia inaugural critical care conference titled "Essential EKG Interpretation Skills for Clinical Practice (8 CECs), Morganton, North Carolina, (State Service) November 8
- SON presentation on preparing IRB submissions, September 23
- Developed and presented a high fidelity simulation practicum for Ned Fowler, Coordinator, Community EMS, Mission Health System, in the Biltmore Park Anesthesia Simulation Center, Asheville, North Carolina, (Local Service) April 24
- SON presentation on preparing IRB submissions, April 9
- Provided mentorship/observation of teaching strategies for Nurse Educator Joan Vassey, BSN, RN, PCCN in the Biltmore Park Anesthesia Simulation Center. This allowed Ms. Vassey to meet educational objectives for her MSN practicum while enrolled at Gardner-Webb University (Local Service), April 8
- Featured speaker for Lincoln Memorial University in Tennessee, Graduate Nurse Anesthesia Program, continuing education seminar titled "Implementing ECG Analysis Across the Continuum of Anesthesia Care" (7 CECs), Harrogate, Tennessee, April 5 (National Service), April 5
- CHHS presentation on High Fidelity Simulation, April 4
- Moderator and judge of the Nursing session at the 22nd Annual WCU Graduate Research Symposium, March 27
- Team leader for the CHHS retreat, February 24
- 2014-16 Mission Hospital's Nursing Research Council, Asheville, North Carolina (Local Service)
- 2012 AANA 2012 Annual Meeting Clinical Ultrasound Practicum Instructor, San Francisco, California, August 6 (National Service)

- Western Carolina University Nurse Anesthesia Program's 2012 Anesthesia Review and Update Continuing Education Program, "Fundamentals of EKG Interpretation and Standards of Care", "Understanding EKG Lead Systems and Lead Configuration", "Computerized ST Segment Analysis in the ICU, PACU, and OR", "EKG Lead Selection for Arrhythmias and Myocardial Ischemia", "The Preop 12 Lead and Prior MI: What Is the Diagnostic Criteria?", "Practice 12 Lead EKGs and Rhythm Strips" (6 CECs), Asheville, NC, May 5 (State Service)
- Western Carolina University SON 4<sup>th</sup> annual Nursing Education Fair in Candler, NC, March 10
- Bylaws and policy and procedures committee, Asheville Pregnancy and Support Services (Local Service)
- Co-Vice-Chair of the Board of Directors for Asheville Pregnancy Support Services (Local Service)
- 2011-19 AANA Foundation Scholarship Review Committee (National Service)
- 2011-13 Board of Directors Asheville Pregnancy Support Services
- 2011-present American Association of Nurse Anesthetists (AANA) Journal Reviewer (National Service)
- 2018-present American Association of Nurse Anesthetists (AANA) Editorial Board Member (National Service)
- 2011 Judge for the 2011 North Carolina Association of Nurse Anesthetists Education and Research Committee Annual Student Poster Session, Asheville, NC, Oct 1 (State Service)
- Judge for the 2011 North Carolina Association of Nurse Anesthetists Annual Meeting College Bowl (State Service), Asheville, NC, Oct 1
- Advancement Airway Management Practicum for NSG 406 Senior Baccalaureate WCU Nursing Students (3 hrs), AB Tech Campus, Candler, NC, September 19
- Kossick, M.A.** "Blue Ridge Regional Hospital's Department of Anesthesia, Continuing Education Program, Spruce Pine, NC, "Two-Day 12 Lead ECG Seminar " (11 CECs), August 13-14
- Kossick, M.A.** "Western Carolina University Nurse Anesthesia Program's Anesthesia Update Continuing Education Program, "2011 Comprehensive EKG Seminar" (7 CECs), Asheville, NC, May 28
- Kossick, M.A.** "Heart Center of Mission Hospital Educational Conference, "Current Practice Guidelines in Electrocardiography for Anesthesia Providers", Asheville, NC, May 12
- Accreditation visit to Texas Wesleyan University as an on-site reviewer for the Council on Accreditation of Nurse Anesthesia Educational Programs, Fort Worth, TX, April 6-8 (National Service)
- Western Carolina University SON Open House, Cullowhee, NC, February 19
- Judge for the 2011 North Carolina Association of Nurse Anesthetists Education and Research Committee Annual Student Poster Session (State Service), Asheville, NC, Sept 26
- 2010-16 North Carolina Association of Nurse Anesthetists Research and Education Committee (State Service)
- 2010-11 AANA Foundation Research Committee (National Service)
- 2010 Advancement Airway Management Practicum for NSG 406 Senior Baccalaureate WCU Nursing Students (3 hrs), AB Tech Campus, Candler, NC, September 13
- Kossick, M.A.** "Anesthesia for Valvular Heart Disease (2 hr lecture), Class 2010 Graduate Nurse Anesthesia Students, Western Carolina University, April 23
- Kossick, M.A.** "ECG Interpretation: Basic, Intermediate, Advanced- Cardinal Concepts- Myocardial Ischemia-Injury- MI, Part I, (total 6 hrs lecture), Class 2012 Graduate Nurse Anesthesia Students, Western Carolina University, March 18, 26
- 1995-2022 AANA Council on Accreditation of Nurse Anesthesia Educational Programs On-site Reviewer (National Service)

**Memorial Hospital and Health Care Center, Jasper, IN (Staff CRNA [locums])**

2009 Serving Thanksgiving Day Dinner, Saint Joseph Parish, Jasper, IN, November 26

**DePaul Medical Center, Norfolk, VA (Director of Anesthesia Services)**

2009 **Kossick, M.A.** "Critical Assessment of the EKG During Anesthesia: Essential Skills", Old Dominion University, School of Nursing Nurse Anesthesia Program, Norfolk, Virginia, October 29

Bon Secours Healthy Communities Initiative, Street Beautification Project (Pleasant Avenue Area of East Ocean View)- "The Great Bush Giveaway", Norfolk, VA, August 19

**Union University, National, State, and Local**

2009 **Kossick, M.A.** Three-Day EKG Seminar, Jackson-Madison County General Hospital, Jackson, Tennessee, April 6-8

Carl F.H. Henry Institute for Intellectual Discipleship Union University Town and Gown series "Bioethics: Happiness, Health, and Human Nature- Current Issues in Health Care/Medicine." Panel member, Union University, Jackson, Tennessee, January 27

2008-09 Nominating Committee Tennessee Association of Nurse Anesthetists (State Service)

Education Committee American Association of Nurse Anesthetists (National Service)

Deacon Council, Englewood Baptist Church, Jackson, TN

2008 Council on Accreditation visit of Columbia University Nurse Anesthesia Program, New York, NY as part of an on-site review team for the Council on Accreditation of Nurse Anesthesia Educational Programs, November 18-20 (National Service)

**Kossick, M.A.** "Modified Chest Leads: Why? When? How?", Tennessee Association Student Nurse Anesthetists, Tennessee Association of Nurse Anesthetists 70<sup>th</sup> Annual Meeting, Nashville, Tennessee, October 20 (State Service)

**Kossick, M.A.** Three-Day EKG Seminar, Jackson Madison County General Hospital, September 15-17  
Education Committee American Association of Nurse Anesthetists Joint Committee Conference Meeting, September 13-14 (National Service)

**Kossick, M.A.** "12 Lead EKG Interpretation and the Significance of Lead Selection in Patients at Risk for Myocardial Ischemia and MI" (Lecture), and Pericardial Tamponade Simulation Session (Simulation Lab Experience), Cardiac Care Conference hosted by Medical Education and Research Institute and Union University School of Nursing, Union University, Jackson, Tennessee, August 2

Vice President Nu Lambda Chapter Sigma Theta Tau International Honor Society of Nursing

Judge for the West Tennessee Regional Science and Engineering Fair at Union University in Jackson, Tennessee, March 14

2005-07 Tennessee Association of Nurse Anesthetists Education Committee

1995-09 AANA Council on Accreditation of Nurse Anesthesia Educational Programs On-site Reviewer (National Service)

2005 **Kossick, M.A.** EKG Interpretation: How "Details" Can Affect Outcome, 40<sup>th</sup> Anniversary Anesthesia Conference, Hamot School of Anesthesia, Erie, Pennsylvania, October 29 (State Service)

**Kossick, M.A.** "EKG Interpretation", Tennessee Association Student Nurse Anesthetists, Tennessee Association of Nurse Anesthetists 68<sup>th</sup> Annual Meeting, Nashville, Tennessee, October 14 (State Service)

Wrote content for a report submitted to the Commission on Colleges, Southern Association of Colleges and Schools (SACS)- sections included an abstract, background information, assessment of need and program planning, faculty, description of change, resources, evaluation, and overall assessment. This report was developed secondary to the substantive change in the nursing program at Union University. Specifically the MSN program in the School of Nursing adding a new tract (Nurse Anesthesia) pending final approval from the Council on Accreditation of Nurse Anesthesia Educational Programs (COA) in October 2005.

**University of Maryland, National, State, and Local**

2005 Admissions Committee Nurse Anesthesia Program  
 2004-05 Chair Education Committee American Association of Nurse Anesthetists (National Services)  
 1995-05 AANA Council on Accreditation of Nurse Anesthesia Educational Programs On-site Reviewer (National Service)

**University of Alabama at Birmingham, National, State, and Local**

2004 **Kossick, M.A.** "Utilization of the Derived 12 Lead EKG" 30 min lecture given to the UAB Department of Anesthesiology CRNAs, JT-906 Lecture Hall, Birmingham, Alabama, March 17  
 2003-04 AANA Education Committee Chair AANA Education Committee Member – Selected by AANA Board of Directors (National Service)  
 2003 (04-12) AANA Continuing Education Task Force Member – Selected by President AANA  
 2003 Curriculum Committee (Chair) Nurse Anesthesia Program  
 2003 (07) Developed graduate nurse anesthesia student learning outcomes assessment for the Commission on Colleges Southern Association of Colleges and Schools (SACS) report  
 Primary Reviewer Faculty Promotion and Tenure Packages, Faculty Affairs Committee, School of Health Related Professions  
 2003 (04-12) American Association of Nurse Anesthetists Continuing Education Task Force (National)  
 Council on Recertification of Nurse Anesthetists (educator representative) meeting, Las Vegas, Nevada, March 7 (National Service)  
 Participated in "Career Fair" at Trace Crossings Elementary School, Hoover, Alabama, February 27  
 2003 (01-03) Search Committee (Chair) for 5<sup>th</sup> Nurse Anesthesia Program Faculty Position  
 Admissions Committee Nurse Anesthesia Program  
 2002 Council on Recertification of Nurse Anesthetists (educator representative) meeting, Santa Fe, New Mexico, October 26 (National Service)  
**Kossick, M.A.** "How to Recognize ECG Evidence of Myocardial Ischemia" 60 min lecture given as a guest lecturer for the Respiratory Therapy Program's RST 415 course (Cardiopulmonary Seminar I), School of Health Related Profession, Birmingham, Alabama, September 18  
 2002 (09-11) Search Committee (Chair) for 4<sup>th</sup> Nurse Anesthesia Program Faculty Position  
 Departmental Solicitor for the UAB Benevolent Fund Campaign  
 2002 (03-04) Primary Reviewer Faculty Promotion and Tenure Packages, Faculty Affairs Committee, School of Health Related Professions  
 Council on Recertification of Nurse Anesthetists (educator representative) meeting, Key West, Florida, March 2 (National Service)  
 Participated in "Career Fair" at Trace Crossings Elementary School, Hoover, Alabama, February 28  
 2002 (01-09) Appointment with Tenure Review Subcommittee for Faculty Affairs Committee, School of Health Related Professions  
 Admissions Committee Nurse Anesthesia Program  
 2001 Visited Carver High School, Birmingham, Alabama, to promote minority recruitment for the UAB Nurse Anesthesia Program, October 31  
 Curriculum Committee Nurse Anesthesia Program  
 Budget Committee, Critical Care Department, School of Health Related Professions  
 Council on Recertification of Nurse Anesthetists (educator representative) meeting, Summerville, South Carolina, April 7 (National Service)  
 2001 (03-04) Primary and Secondary Reviewer Faculty Promotion and Tenure Packages, Faculty Affairs Committee, School of Health Related Professions  
 2001 Admissions Committee Nurse Anesthesia Program  
 2000-03 School of Health Related Professions Faculty Affairs Committee (Tenured member)  
 2000-01 (11-05) Search Committee for Department Chair, Critical and Diagnostic Care, School of Health Related Professions



- 2000 Search Committee for Chair of Department of Critical and Diagnostic Care
- 2000 Council on Recertification of Nurse Anesthetists (educator representative) meeting, Colorado Springs, Colorado, October 7 (National Service)
- Council on Accreditation visit of U.S. Army Graduate Program in Anesthesia Nursing, Fort Sam Houston, Texas as part of an on-site review team for the Council on Accreditation of Nurse Anesthesia Educational Programs, September 25-27 (National Service)
- Kossick, M.A.** "Significant Changes in Dysrhythmia Management: Will the Standard of Care Change?" 30 min lecture given at University of Alabama Hospital for CRNA clinical faculty, Birmingham, Alabama, September 14
- Jury Duty Shelby County, Alabama, June 26
- Council on Recertification of Nurse Anesthetists (educator representative) meeting, Coronado, California, March 25 (National Service)
- Participated in "Career Day" at Briarwood Christian School, Birmingham, Alabama, March 6
- 2000 (03-04) Capital Budget Committee, Critical and Diagnostic Care Department, School of Health Related Professions Admissions Committee Nurse Anesthesia Program
- 1999 Council on Recertification of Nurse Anesthetists (educator representative) meeting, Nantucket, Massachusetts, October 2 (National Service)
- Council on Accreditation visit of Albany Medical College Nurse Anesthesiology Program in Albany, New York as part of an on-site review team for the Council on Accreditation of Nurse Anesthesia Educational Programs, November 10-11 (National Service)
- 1999 (07-12) Search Committee for Nurse Anesthesia Program Faculty Position
- Council on Recertification of Nurse Anesthetists (educator representative) meeting, Tucson, Arizona, March 20 (National Service)
- Participated in "Career Fair" at Trace Crossings Elementary School, Hoover, Alabama, February 25
- Admissions Committee Nurse Anesthesia Program
- Participated in "Career Day" at Briarwood Christian School, Birmingham, Alabama, January 22
- 1998 – 99 (10-03) Search Committee for Director of Clinical Education, Respiratory Therapy Program, School of Health Related Professions
- 1998-99 Alabama Association of Nurse Anesthetists Program Committee (Co-chairman 1998), Publications Committee, Continuing Education Committee (Chairman 1999), Board of Directors (State Service)
- 1998 (09) **Kossick, M.A.** "Preoperative Assessment" 60 min lecture given as a guest lecturer for the Surgical Physician Program's SA 421 course, School of Health Related Profession
- 1998 (09) **Kossick, M.A.** "Intraoperative Monitoring and Acute Care" 120 min lecture given as a guest lecturer for the Surgical Physician Program's SA 421 course, School of Health Related Profession
- 1998 (11) **Kossick, M.A.** "Intraoperative Monitoring and Acute Care" 120 min lecture given as a guest lecturer for the Surgical Physician Program's SA 310 course, School of Health Related Profession
- 1998 Council on Accreditation visit of Navy Nurse Corps Anesthesia Program in San Diego, California as part of an on-site review team for the Council on Accreditation of Nurse Anesthesia Educational Programs, November 5-6 (National Service)
- Council on Recertification of Nurse Anesthetists (educator representative) meeting, Rockport, Maine, October 3 (National Service)
- Educational Program Director, Fall Meeting, Alabama Association of Nurse Anesthetists (State)
- 1998 **Kossick, M.A.** "ECG Analysis on the Hewlett Packard Monitor" 60 min lecture given at the University of Alabama Hospital for the Department of Anesthesiology Residents, JT-906 Lecture Hall, Birmingham, Alabama, September 10
- 1998 (07-12) Search Committee for faculty position, Nuclear Medicine Technology Program
- 1998 (05-12) Search Committee for Director of Clinical Education, Surgical Physician Assistant Program, School of Health Related Professions
- 1998 Council on Recertification of Nurse Anesthetists (educator representative) meeting, Sanibel Island, Florida, March 28 (National Service)

- Kossick, M.A.** "How to Manage Hemodynamic Data" 100 min lecture given as part of an on-going continuing education series for critical care and anesthesia professionals provided by the University of Alabama's Nurse Anesthesia Program, Birmingham, Alabama, January 31
- Kossick, M.A.** "Maximizing EKG Analysis with the Hewlett Packard Modules" 50 min lecture given to the UAB Department of Anesthesiology, faculty, residents, and CRNAs, JT-906 Lecture Hall, Birmingham, Alabama, January 29
- Admissions Committee Nurse Anesthesia Program
- 1997-98 (10-09) Board of Directors, Alabama Association of Nurse Anesthetists Co-Chairman Program Committee, Publications Committee (State Service)
- 1997 Council on Accreditation visit of St. Joseph Hospital School of Anesthesia for Nurses in North Providence, Rhode Island as part of an on-site review team for the Council on Accreditation of Nurse Anesthesia Educational Programs, November 17-18 (National Service)
- Council on Recertification of Nurse Anesthetists (educator representative) meeting, Monterey, California, October 25 (National Service)
- Council on Accreditation visit of Texas Wesleyan University Graduate Program of Nurse Anesthesia, Fort Worth, Texas as part of an on-site review team for the Council on Accreditation of Nurse Anesthesia Educational Programs, April 14-17 (National Service)
- 1997 (04) Chair Advisory Committee (Chair) for Surgical Physician Assistant Program student appeal
- 1997 (03-06) Instructional Advisory Committee (Department of Critical and Diagnostic Care Representative)
- Council on Recertification Nurse Anesthetists (educator representative) meeting, Key West, Florida, March 1 (National Service)
- 1997 Participated in "Career Fair" (Nurse Anesthesia Profession) at Trace Crossings Elementary School, Hoover, Alabama, February 27
- Admissions Committee Nurse Anesthesia Program
- 1996 **Kossick, M.A.** EKG's – Ischemia, Infarction, and the OR Monitors" 3 hr. lecture series given at Baptist Medical Center Montclair to the anesthesia department as part of a continuing education series, Birmingham, Alabama, September 11, 18, 25, October 2, 9, 16
- Kossick, M.A.** Presented a One-Day EKG Workshop as part of an on-going continuing education series for critical care and anesthesia professionals provided by the University of Alabama's Nurse Anesthesia Program, September 7
- Council on Accreditation visit of Mount Marty College Graduate Nurse Anesthesia Program, Sioux Falls, South Dakota as part of an on-site review team for the Council on Accreditation of Nurse Anesthesia Educational Programs, April 23-26 (National Service)
- 1996-03 AANA Council on Recertification (COR) of Nurse Anesthetists Educator Representative – Selected by COR via recommendation AANA Board of Directors
- 1996 Participated in "Career Fair" (Nurse Anesthesia Profession) at Trace Crossings Elementary School, Hoover, Alabama, February 29
- Admissions Committee Nurse Anesthesia Program
- 1995-00 School of Health Related Professions Academic Affairs Committee Chairman, Subcommittee for Continuing Education
- 1995-04 AANA Council on Accreditation of Nurse Anesthesia Educational Programs On-site Reviewer (National Service)
- 1995 Anesthesia presentation for the CHALLENGE Program kindergarten students at Trace Crossings Elementary School, Hoover, Alabama, September 26
- Anesthesia presentation for the CHALLENGE Program kindergarten students at Trace Crossings Elementary School, Hoover, Alabama, February 28
- Record Retention Guidelines Ad Hoc Committee
- Admissions Committee Nurse Anesthesia Program
- 1994-00 School of Health Related Professions Academic Affairs Committee
- 1994-95 Search Committee for Primary Care Physician Assistant Program Director
- 1994 **Kossick, M.A.** EKG's – Signs and Symptoms of Ischemia" 100 min presentation as a component of the CV Lecture Series at Carraway Methodist Medical Center provided for critical care nurses, nurse anesthetists, and anesthesiologists, November 15

## Admissions Committee Nurse Anesthesia Program

**University of Kansas**

1993	Kansas Association of Nurse Anesthetists Government Relations Committee
1992 (09.10-19)	Provided anesthesia services as part of a medical mission in Tatoxcac, Puebla, Mexico, affiliated with the Kansas East Conference of the United Methodist Church (general/spinal anesthesia for adult and pediatric patients for cleft palate repair, inguinal hernia repair, varicose vein stripping, vaginal hysterectomy, tubal ligations) (International Service)

**GRANTS (Research and Other)**

2015	Advanced Education Nursing Program CFDA No. 93.247, "Community Engaged and Lifelong Learning in Nurse Anesthesia Education," submitted February 2015 (Assisted with writing grant regarding simulation and clinical skills lab component, personnel, salaries, proposed curriculum, objectives, equipment, consultants)	Author: Collins, S. <b>External Grant</b> Not funded
2012-13	Datex-Ohmeda, Inc., GE Health Care	Author: Kossick, M.A. <b>External Grant Received</b> ADU and Mod SE 7900 Anesthesia Machines
2005	Advanced Education Nursing Program CFDA No. 93.247 submitted November, 2004 (Assisted with writing grant - designated to assume Project Director responsibilities beginning YR2 through YR3)	Author: Morton, P <b>External Grant \$269,142</b>
2004	HRSA Nurse Anesthetist Traineeships CFDA No. 93.124 submitted November, 2003	Author: Kossick, M.A. <b>External Grant \$36,283.00</b>
2003	HRSA Advanced Education Nursing Traineeships CFDA No. 93.358 submitted November, 2002 (CoPI)	Kossick, M.A. (CoPI) <b>External Grant \$29,418.22</b>
2003	HRSA Nurse Anesthetist Traineeships CFDA No. 93.124 submitted November, 2002	Author: Kossick, M.A. <b>External Grant \$24,309.00</b>
2002	HRSA Nurse Anesthetist Traineeships CFDA No. 93.124 submitted November, 2001	Author: Kossick, M.A. <b>External Grant \$135,238.00</b>
2001	HRSA Nurse Anesthetist Traineeships CFDA No. 93.299C submitted November, 2000	Author: Kossick, M.A. <b>External Grant \$18,561.00</b>
2000	HRSA Nurse Anesthetist Traineeships CFDA No. 93.299C submitted November, 1999	Author: Kossick, M.A. <b>External Grant \$18,456.00</b>
1999	HRSA Nurse Anesthetist Traineeships CFDA No. 93.124 submitted November, 1998	Author: Kossick, M.A. <b>External Grant \$22,572.00</b>
1998	HRSA Nurse Anesthetist Traineeships CFDA No. 93.124 submitted November, 1997	Author: Kossick, M.A. <b>External Grant \$25,529.00</b>

1996	SHRP Faculty Research Initiatives Program University of Alabama at Birmingham, Birmingham, AL	Author: Kossick, M.A. <b>Internal Grant \$7,086.00</b>
1992	AANA Education and Research Foundation, Park Ridge, Illinois	Author: Kossick, M.A. <b>External Grant \$1,547.85</b>

**GRANT REVIEWER**

2011	AANA Foundation Research Committee
2003	HRSA grant review panel member for applications for the Advanced Education Nursing Grant Program, Silver Spring, Maryland, March 3-6
2002	HRSA grant review panel member for applications for the Advanced Education Nursing Grant Program, Silver Spring, Maryland, February 19-20
2001	HRSA grant review panel member for applications for the Advanced Education Nursing Grant Program, Washington, D.C., May 7-9

**HONORS AND AWARDS**

2017	Awarded in February post tenure review (met and exceeded expectations in teaching, scholarship and service), Western Carolina University, Cullowhee, North Carolina  Nominated in February for the College of Health and Human Sciences Board of Governor's Innovative Teaching Award, Western Carolina University, Cullowhee, North Carolina
2015	Nominated in March for the College of Health and Human Sciences Faculty Interprofessional Education Award, Western Carolina University, Cullowhee, North Carolina
2014	Chaired two graduate students' thesis that was nominated for outstanding presentation at WCU's 22 <sup>nd</sup> Annual Graduate Research Symposium and subsequently offered to compete to present the research to the State Legislators in Raleigh, North Carolina on May 21. The title of the thesis was " <i>An Evaluation of Sedation Levels Using Bispectral Index (BIS) and Correlated Adverse Events in Patients Undergoing Colonoscopies</i> "
2013-14	Directed WCU Nurse Anesthesia Program's inaugural thesis and first clinical research. The title of the thesis was " <i>An Evaluation of Sedation Levels Using Bispectral Index (BIS) and Correlated Adverse Events in Patients Undergoing Colonoscopies.</i> " Dr. Kossick's graduate student's (Poziombke and Grey) were also recognized as the first Nurse Anesthesia Program students to receive WCU's graduate student research and creative projects stipend award.
2012	Awarded tenure as a Full Professor, Western Carolina University, Cullowhee, North Carolina
2011	Appointed Graduate Anesthesia Simulation Education Coordinator, School of Nursing, Western Carolina University, Cullowhee, North Carolina
2010	Appointed as Full Professor, School of Nursing, Western Carolina University, Cullowhee, North Carolina
2008	Installation Leadership Position as Senior Fellow, School of Nursing during Fall Convocation Union University, Jackson, Tennessee  Delivered the induction ceremony speech for the Nu Lambda Chapter of Sigma Theta Tau International Honor Society of Nursing, "Love, Courage, and Honor", at Union University in Jackson, Tennessee, April 17  Inducted International Nursing Honor Society Nu Lambda Chapter of Sigma Theta Tau, inducted Union University, Jackson, Tennessee
2007	Appointed Director of Graduate Simulation Education for the Baptist Memorial Health Care Center of Excellence in Health Care Practice, Union University, Jackson, Tennessee
2006	Inducted Ashtabula High School, Harbor High School, Lakeside High School Hall of Fame for Career Achievements, Ashtabula, Ohio

- 2005 Appointed an academic rank of Full Professor, School of Nursing, Union University, Jackson, Tennessee
  - 1999 Promoted to Associate Professor with Tenure at University of Alabama at Birmingham, Birmingham, Alabama
  - 1992 Selected to attend the American Association of Nurse Anesthetists/Education and Research Foundation/Burroughs Wellcome Co. Leadership Conference September 28 – October 1 in Raleigh/Durham, North Carolina
- Recipient of the American Association of Nurse Anesthetists/ Education Research Foundation/Burroughs Wellcome Fellowship Award for Involvement in a Leadership Role in Education

**CLINICAL ACTIVITIES (Educational)**

- 1986 - Present Supervise and educate nurse anesthesia graduate students in numerous anesthetic techniques for a diverse surgical population. Evaluate student acquisition of essential clinical skills by utilizing daily clinical evaluation forms. Competency levels are reviewed and feedback given on daily evaluation forms.

**CLINICAL EXPERIENCE**

- 2018-19 Comanche County Memorial Hospital, Lawton, OK (start date: April)  
Staff CRNA (part-time) / Provide clinical anesthesia services for ASA I -IIIE adult pts (Gen Surg, Ortho, GYN, GI, Urology, Robotic procedures) Anesthetic Management: GA, ETT, LMA, Mask, MAC, TIVA
- 2018 CHI Immanuel Medical Center, Omaha, NE (start date: January)  
Staff CRNA (part-time) / Provide clinical anesthesia services for ASA I -IIIE adult pts (Gen Surg, Ortho, GYN, GI, Bariatric surgery) Anesthetic Management: GA, ETT, LMA, Mask, MAC, TIVA
- 2018 CHI Health Midlands, Papillion, NE (start date: January)  
Staff CRNA (part-time) / Provide clinical anesthesia services for ASA I -IIIE adult pts (Gen Surg, Ortho, GYN, GI)  
Anesthetic Management: GA, ETT, LMA, Mask, MAC, TIVA
- 2018 CHI Health Creighton University Medical Center Bergan-Mercy  
Staff CRNA (part-time) / Provide clinical anesthesia services for ASA I -IIIE adult pts (Gen Surg, Ortho, GYN, GI, Urology, Neuro, Robotic procedures, EP lab) Anesthetic Management: GA, ETT, LMA, Mask, MAC, TIVA
- 2017 Present St. Rita's Medical Center  
Staff CRNA (part-time) / Provide clinical anesthesia services for ASA I -IIIE adult pts (Gen Surg, Ortho, GYN, Urology, Neuro, Robotic procedures, pacemakers) Anesthetic Management: GA, ETT, LMA, Mask, MAC, TIVA
- 2016 Tullahoma Surgery Center, Tullahoma, TN (start date: October)  
Staff CRNA (part-time) / Provide clinical anesthesia services for ASA I -III adult and pediatric pts in an office based surgery center (Gen Surg, Ortho, GYN, GI, ENT) Anesthetic Management: GA, ETT, LMA, Mask, MAC, TIVA
- 2015 Bristol Oral Maxillofacial Surgery, Bristol, TN (start date: March)  
Staff CRNA (part-time) / Provide clinical anesthesia services for ASA I -III pts in an office based surgery center (Oral Maxillofacial Surg) Anesthetic Management: GA, ETT, LMA, Mask, MAC, TIVA
- 2014 Present Grace Hospital, Blue Ridge HealthCare, Morganton, NC (start date: August)  
Staff CRNA (part-time) / Provide clinical anesthesia services for ASA I -IVE pts (Gen Surg, Ortho, GYN, OB, GI)  
Anesthetic Management: GA, ETT, LMA, Mask, MAC, TIVA, Subarachnoid Blocks, Epidural Blocks, Line Placement-external jugular vein
- 2014 Present Valdese Hospital, Blue Ridge HealthCare, Valdese, NC (start date: November)  
Staff CRNA (part-time) / Provide clinical anesthesia services for ASA I -IVE pts (Gen Surg, Ortho, GYN, OB, GI)  
Anesthetic Management: GA, ETT, LMA, Mask, MAC, TIVA, Subarachnoid Blocks, Epidural Blocks, Line Placement-external jugular vein

- 2014 Van Wert County Hospital, Van Wert, OH (start date: July)  
Staff CRNA (part-time) / Provide clinical anesthesia services for ASA I -IVE pts (Gen Surg, Ortho, GYN, OB, GI)  
Anesthetic Management: GA, ETT, LMA, Mask, MAC, TIVA, Subarachnoid Blocks, Epidural Blocks, Peripheral Nerve Blocks, Line Placement- external jugular vein
- 2013 Mountain View Regional Medical Center, Pennington Gap, VA (start date: May)  
Staff CRNA (part-time) / Provide clinical anesthesia services for ASA I -IVE adult and pediatric pts (Gen Surg, Ortho, GYN, OB, GI ) Anesthetic Management: GA, ETT, LMA, Mask, MAC, TIVA, Subarachnoid Blocks, Epidural Blocks
- 2013 Lonesome Pine Hospital, Pennington Gap, VA (start date: May)  
Staff CRNA (part-time) / Provide clinical anesthesia services for ASA I -IVE adult and pediatric pts (Gen Surg, Ortho, GYN, OB, GI ) Anesthetic Management: GA, ETT, LMA, Mask, MAC, TIVA, Subarachnoid Blocks, Epidural Blocks
- 2012-18 Transylvania Regional Hospital, Brevard, NC (start date: September)  
Staff CRNA (part-time) / Provide clinical anesthesia services for ASA I -IVE pts (Gen Surg, Ortho, GYN, GI) Anesthetic Management: GA, ETT, LMA, Mask, MAC, TIVA, Subarachnoid Blocks, Epidural Blocks
- 2012 Cumberland Medical Center, Crossville, TN (start date: May)  
Staff CRNA (part-time) / Provide clinical anesthesia services for ASA I -IVE pts (Gen Surg, Ortho, GYN, OB, GI, 2D-TEE)  
Anesthetic Management: GA, ETT, LMA, Mask, MAC, TIVA, Subarachnoid Blocks, Epidural Blocks, Line Placement- external jugular vein
- 2012 Randolph Hospital, Asheboro, NC (start date: February)  
Staff CRNA (part-time) / Provide clinical anesthesia services for ASA I -IVE pts (Gen Surg, Ortho, GYN, OB) Anesthetic Management: GA, ETT, LMA, Mask, MAC, TIVA, Subarachnoid Blocks, Line Placement- external jugular
- 2012-13 Maria Parham Medical Center, Henderson, NC (start date: October)  
Staff CRNA (part-time) / Provide clinical anesthesia services for ASA I -IVE pts (Gen Surg, Ortho, GYN, OB) Anesthetic Management: GA, ETT, LMA, Mask, MAC, TIVA, Subarachnoid Blocks, Line Placement- external jugular
- 2010-14 Blue Ridge Regional Hospital, Spruce Pine, NC (start date: September)  
Staff CRNA (part-time) / Provide clinical anesthesia services for ASA I -IVE adult and pediatric pts (Gen Surg, Ortho, GYN, OB, Neuro, GI lab) Anesthetic Management: GA, ETT, LMA, Mask, MAC, TIVA, Subarachnoid Blocks, Line Placement- external/internal jugular and arterial lines
- 2010-12 McDowell Hospital, Marion, NC (start date: July)  
Staff CRNA (part-time) / Provide clinical anesthesia services for ASA I -IVE pts (Gen Surg, Ortho, GYN, OB, Neuro, GI lab) Anesthetic Management: GA, ETT, LMA, Mask, MAC, TIVA, Subarachnoid Blocks
- 2010 Park Ridge Hospital, Fletcher, NC (start date: July)  
Staff CRNA (part-time) / Provide clinical anesthesia services for ASA I -IVE pts (Gen Surg, Ortho, pediatrics, GI lab)  
Anesthetic Management: GA, ETT, LMA, Mask, MAC, TIVA
- 2010-17 Northern Hospital of Surry County, Mount Airy, NC (start date: June)  
Staff CRNA (locums) / Provide clinical anesthesia services for ASA I -IVE pts (Gen Surg, Ortho, Urological, GYN, Neuro, ophthalmic, GI lab)Anesthetic Management: GA, ETT, LMA, Mask, MAC, TIVA, Subarachnoid Blocks
- 2010 Pitt County Memorial Hospital, Greenville, NC (June)  
Staff CRNA (locums) / Provided clinical anesthesia services for ASA I -IVE pts (Gen Surg, Ortho, Urological, GYN, Neuro, ophthalmic) Anesthetic Management: GA, ETT, LMA, Mask, Glide Scope, MAC, Subarachnoid Blocks
- 2009-10 Memorial Hospital and Health Care Center, Jasper, IN (November – January)  
Staff CRNA (locums) / Provided clinical anesthesia services for ASA I -IVE pts (Gen Surg, Ortho, Plastics, Urological, GYN, OB, Neuro, ophthalmic, and pediatric patients) Anesthetic Management: GA, Inhalation Inductions, ETT, LMA, Mask, Glide Scope, MAC, Subarachnoid Blocks, Labor Epidurals, Line Placement- external/internal jugular and arterial lines
- 2009 Bon Secours DePaul Medical Center, Norfolk, VA (May – November)  
Director of Anesthesia Services / Primary Responsibilities Administrative, part-time clinical services  
(Primary responsibilities included assessing, developing, evaluating, maintaining departmental rules and regulations related to: Clinical Competencies, Joint Commission Accreditation Requirements, Risk Management, Evaluation of CRNAs, Anesthesia Technicians, Scheduling, Budget and Payroll services, Ordering and Maintaining Anesthesia

Equipment, Representation on various Committees, Liaison for Old Dominion University Nurse Anesthesia Program [scheduling graduate anesthesia students, ensuring compliance with affiliation agreement and human resources rules and regulations], Anesthesia Departmental Policies and Procedures)

- 2005-09 Jackson-Madison County General Hospital, Jackson, TN  
Staff CRNA / Provided clinical anesthesia services for ASA I-IVE pts (Gen Surg, ENT, Ortho, Plastics, Urological, GYN, OB, Neuro, Vascular, and ICU patients) Anesthetic Management: GA, Inhalation Inductions, ETT, LMA, Mask, Glide Scope, MAC, Subarachnoid Blocks, Bier Blocks, Line Placement- external jugular and arterial lines
- 2005 Anesthesia Medical Group, P.C., Williamson Medical Center, Franklin, TN  
Staff CRNA / Provided clinical anesthesia services for ASA I-IVE pts (Gen Surg, ENT, Ortho, Plastics, GYN, and ICU patients) Anesthetic Management: GA, Inhalation Inductions, ETT, LMA, Mask, Glide Scope, MAC, Line Placement-external jugular and arterial lines
- 1993-03 University of Alabama at Birmingham (UAB) Hospital Level I Trauma Center, Birmingham, AL  
Staff CRNA / Provided clinical anesthesia services for ASA I-IVE pts (Gen Surg, ENT, Ortho, Plastics, GYN, Kidney Transplants, Neuro, Vascular, Thoracic, ECT, and ICU patients) Anesthetic Management: GA, Inhalation Inductions, ETT, LMA, Mask, Fiberoptic Intubations, MAC, Subarachnoid Blocks, Epidurals, Bier blocks, Line Placement- external jugular, internal jugular, subclavian, and arterial lines
- 1991-93 University of Kansas Medical Center Level I Trauma Center, Kansas City, KS  
Staff CRNA / Provided clinical anesthesia services for ASA I-IVE pts (Gen Surg, ENT, Ortho, Plastics, GYN, Pediatrics, Neuro, Vascular, ECT, and ICU patients) Anesthetic Management: GA, Inhalation Inductions, ETT, Mask, MAC, Subarachnoid Blocks, Axillary and Ankle Blocks
- 1986-91 University of Cincinnati Medical Center Level I Trauma Center, Cincinnati, OH  
Staff CRNA / Provided clinical anesthesia services for ASA I-IVE pts (Gen Surg, ENT, Ortho, Plastics, OB, GYN, Pediatrics, Neuro, Cardiac, Vascular, Thoracic, Kidney, Liver Transplants, Heart Transplants, Organ Procurement, and ICU patients) Anesthetic Management: GA, Inhalation Inductions, Dissociative Anesthesia , TIVA, High-dose Opioid, Balanced Opioid, ETT, Mask, Fiberoptic Intubations, MAC, Subarachnoid Blocks, Epidurals, Axillary Blocks, Ankle Blocks, Line Placement- external jugular, internal jugular, subclavian, and arterial lines
- 1984-86 Medical Anesthesia & Pain Management Associates (Formerly called Garrett & Associates)  
Lee Memorial Hospital – Fort Myers, FL and Cape Coral Hospital, Cape Coral, FL  
Staff CRNA / Provided clinical anesthesia services for ASA I-IVE pts (Gen Surg, ENT, Ortho, Plastics, OB, GYN, Pediatrics, Neuro, Vascular, Thoracic, and ICU patients) Anesthetic Management: GA, Inhalation Inductions, Balanced Opioid, ETT, Mask, MAC, Subarachnoid Blocks, Line Placement- external jugular, arterial lines

## **PROFESSIONAL DEVELOPMENT**

- 2019 AANA Annual Congress, Chicago, IL, August 9-13  
AACN DNP Conference, Coronado, CA, January 17-19
- 2018 BLS, PALS, ACLS, Gatlinburg, TN, October 4-5  
Relevant Topics in Anesthesia Amsterdam, the Netherlands, May 21-25
- 2017 Western Carolina University Campus Security Authority (CSA) Training on Clery Act, WCU Blackboard, February 6  
AANA Educator Series: Principles and Goals of Writing Curriculum, AANA Learn.com, January 30  
AANA Educator Series: Didactic and Clinical Instruction, AANA Learn.com, January 30  
AANA Educator Series: Evaluation for Nurse Anesthesia Educators, AANA Learn.com, January 30
- 2016 North Carolina Association of Nurse Anesthetists 2016 Fall Meeting, Asheville, North Carolina, November 4-6  
NWAAS Anesthesia Spectrum Conference, Gatlinburg, Tennessee, October 6-9  
NWAAS BLS, ACLS, PALS recertification, Gatlinburg, Tennessee, October 7-8  
NWAAS Topics in Anesthesia Conference, Asheville, Tennessee, August 15-16  
NWAAS Current Topics in Anesthesia, Clearwater, Florida, July 25-28
- 2015 Continuing Education Program presented by Dr. Angela Connaughton, "Risk Factors for Pulmonary Disease," WCU CHHS, Cullowhee, NC, November 18  
NWAAS Current Topics in Anesthesia, Branson, Missouri, July 16

- Western Carolina University 2015 Graduate Education Summit, "Finding the Balance: Rigorous Content Instruction and Research vs. Preparing Future Professionals," Cullowhee, North Carolina, February 12
- 2014 2014 American Association of Nurse Anesthetists Annual Congress, Orlando, Florida, August 12-13  
Council on Accreditation of Nurse Anesthesia Educational Program's on-site accreditation reviewer's workshop, Orlando, Florida, August 12  
Human Patient Simulator Network (HPSN) World 2014, Sarasota, Florida, April 29 – May 1  
North Carolina Association of Nurse Anesthetists District III/IV Meeting, Concord, North Carolina, March 8 2013
- 2013 North Carolina Association of Nurse Anesthetists 2013 Fall Meeting, October 4-6  
CAE Learning Space Basic Training Course, Sarasota, Florida, January 13-15
- 2012 2012 Annual Meeting American Association of Nurse Anesthetists, San Francisco, California, August 4-6  
Council on Accreditation of Nurse Anesthesia Educational Programs On-Site Reviewer's/Consultants Workshop, San Francisco, California, August 3  
International Meeting on Simulation in Healthcare, San Diego, California, January 27 – February 1
- 2011 North Carolina Association of Nurse Anesthetists 2011 Fall Meeting, September 30-Oct 2
- 2010 AANA 77<sup>th</sup> Annual Meeting, Seattle, Washington, August 7-11  
North Carolina Association of Nurse Anesthetists 2011 Fall Meeting, September 24-26
- 2009 AANA Faculty Development Workshop (Simulation Education), Orlando, Florida, February 25  
Assembly of School Faculty, AANA, Orlando, Florida, February 26-28  
HPSN 09 (METI conference) Tampa, Florida, March 17-19  
34<sup>th</sup> Annual International Society for Computerized Electrocardiography Conference, Panama City, Florida, April 23-27
- 2008 8<sup>th</sup> Annual International Meeting on Simulation in Healthcare, San Diego, California,  
HPSN 08 (METI conference) including attendance at Basic Scenario Design and Creation in the HPS6 Software, Tampa, Florida, February 18-21  
COA On-site Reviewer's Workshop, Minneapolis, Minnesota, August 7-8  
AANA 75<sup>th</sup> Annual Meeting, Minneapolis, Minnesota, August 9  
Tennessee Association of Nurse Anesthetists, 71<sup>st</sup> Annual Meeting, Nashville, Tennessee, October 17-19
- 2007 Tennessee Association of Nurse Anesthetists, 70<sup>th</sup> Annual Meeting, Nashville, Tennessee, October 19-21
- 2006 Visit/Review Peter M. Winter Institute for Simulation Education and Research, Pittsburgh, Pennsylvania, April 3  
Visit/Review University of Pittsburgh School of Nursing Nurse Anesthesia Program Simulation Center, Pittsburgh, Pennsylvania, April 3  
Assembly of School Faculty, AANA, Newport Beach, California, February 23-25  
COA On-site Reviewer's Workshop, Cleveland, Ohio, August 4  
AANA 73<sup>rd</sup> Annual Meeting, Cleveland, Ohio, August 5-6  
Tennessee Association of Nurse Anesthetists, 69<sup>th</sup> Annual Meeting, Nashville, Tennessee, October 20-22  
AANA 74<sup>th</sup> Annual Meeting, Denver, Colorado, August 4-8
- 2005 Assembly of School Faculty, AANA, Ft. Lauderdale, Florida, February 25-27  
AANA Doctor Nursing Practice Summit, Park Ridge, Illinois, June 9-10  
AANA 72<sup>nd</sup> Annual Meeting, Washington DC, August 5-10  
Tennessee Association of Nurse Anesthetists, 68<sup>th</sup> Annual Meeting, Nashville, Tennessee, October 14
- 2004 Assembly of School Faculty, AANA, Scottsdale, Arizona, February 27-29  
Council on Accreditation of Nurse Anesthesia Educational Programs On-site Reviewers Workshop, Scottsdale, Arizona, February 29 - March 1



- AANA 71<sup>st</sup> Annual Meeting, Seattle, Washington, August 6-10  
AANA Joint Committee Conference, Chicago, Illinois, September 10-12
- 2003 Faculty Enrichment Program "Successful Teaching Evaluation Programs," UAB BEC 155 (Engineering wing), Birmingham, Alabama, January 24  
Faculty Enrichment Program "Using Tests to Enhance the Teaching/Learning Process," UAB Education Building, Birmingham, Alabama, February 7  
Alabama Association of Nurse Anesthetists Spring Meeting, Destin, Florida, May 3-4  
University of Alabama at Birmingham IRB Continuing Education Course "Collaborative IRB Training Initiative," June 10  
AANA 70<sup>th</sup> Annual Meeting, Boston, Massachusetts, August 2-6  
"Fundamentals of Cardiac Pacing, Pacemaker Follow-up," Birmingham, Alabama, - presented by Biotronik, Inc., August 16 (6.5 CEUs)  
Understanding Basic Electrophysiology: A Guide for EP Lab Personnel, UAB, Birmingham, Alabama, – presented by Boston Scientific Corporation, October 9 (7.0 CEUs)
- 2002 Alabama Association of Nurse Anesthetists Fall Meeting, Birmingham, Alabama, October 1  
Assembly of School Faculty, AANA, Scottsdale, Arizona, February 23-24  
AANA 69<sup>th</sup> Annual Meeting, Orlando, Florida, August 3-5  
University of Tennessee Health Science Center IRB Continuing Education Course "Protecting Human Research Subjects," December 18
- 2001 Alabama Association of Nurse Anesthetists Spring Meeting, Destin, Florida, Apr 27-29
- 2000 Alabama Association of Nurse Anesthetists Spring Meeting, Destin, Florida, May 5
- 1999 AANA 66<sup>th</sup> Annual Meeting, Boston, Massachusetts, August 9-10
- 1998 Assembly of School Faculty, AANA, Ft. Lauderdale, Florida, February 27-28  
Alabama Association of Nurse Anesthetists Spring Meeting, Destin, Florida, May 1-3  
11<sup>th</sup> Annual Trauma Anesthesia and Critical Care Symposium, Vienna, Austria, May 21-22  
AANA 65<sup>th</sup> Annual Meeting, Nashville, Tennessee, August 1-3
- 1997 Alabama Association of Nurse Anesthetists Spring Meeting, Destin, Florida, May 2-4  
10<sup>th</sup> Annual Trauma Anesthesia and Critical Care Symposium, Baltimore, Maryland, May 15  
Two-day Federal Grant Applications Meeting Sponsored by the American Association of Nurse Anesthetists and the Division of Nursing, Bethesda, Maryland, September 22-23  
Council on Accreditation of Nurse Anesthesia Educational Programs, On-site Reviewers Workshop, Rosemont, Illinois, September 28
- 1996 Alabama Association of Nurse Anesthetists Spring Meeting, Destin, Florida, May 3-4  
AANA 63<sup>rd</sup> Annual Meeting, Philadelphia, Pennsylvania, August 10-14
- 1995 Assembly of School Faculty, AANA, Dallas, Texas, February 24-25  
Alabama Association of Nurse Anesthetists Spring Meeting, Destin, Florida, May 5-7  
AANA 62<sup>nd</sup> Annual Meeting, Minneapolis, Minnesota, August 7-9  
Alabama Association of Nurse Anesthetists Annual Fall Meeting, Birmingham, Alabama, October 6-7
- 1994 Assembly of School Faculty, AANA, Tampa, Florida, February 24-27  
Alabama Association of Nurse Anesthetists Annual Meeting, Destin, Florida, May 13-15  
Research development and funding, grant writing, solicitation of potential sources, School of Nursing Auditorium, Birmingham, Alabama, May 20  
AANA 61<sup>st</sup> Annual Meeting, Washington, DC, August 13-17  
Effective lectures and presentations seminars, UAB West Pavilion Conference Center, Birmingham, Alabama, September 22

- 1993 The Kansas Association of Nurse Anesthetists Spring Business and Educational Meeting, Overland Park, Kansas, May 1-2  
AANA 60<sup>th</sup> Annual Meeting, San Francisco, California, August 14-19
- 1992 AANA 59<sup>th</sup> Annual Meeting, Denver, Colorado, August 8-13  
The Kansas Association of Nurse Anesthetists Annual Fall Meeting, Wichita, Kansas, November 7-8
- 1990 AANA 57<sup>th</sup> Annual Meeting, Atlanta, Georgia, August 14-15
- 1988 Ohio State Association of Nurse Anesthetists 53<sup>rd</sup> Annual Fall Meeting, Cincinnati, Ohio, October 16

## **GRADUATE SIMULATION EDUCATION RESPONSIBILITIES / EXPERIENCE**

### **Anesthesia Simulation Education Coordinator (WCU)**

- 2011-19 Provide oversight of all graduate anesthesia simulation education at WCU
- Beginning fall 2011 develop a second simulation center (location to be determined) for graduate anesthesia students, anesthesia faculty, members of the community of interest (CRNAs, critical care nurses) to receive high fidelity simulation education via a Management and Engineering Technologies International, Inc. (METI) Human Patient Simulator (HPS) and promote research
  - Support a research environment for faculty and students
  - Build the infrastructure of the facility through multiple strategies (e.g., communicating with various vendors [e.g., METI, Philips], reviewing and validating the architectural design of the facility, purchasing and setting up simulation hardware and software, establishing a control room, strategically build an operating room suite- budget for year one in excess of \$275,000
  - Develop an inventory system to monitor, dispense, and purchase simulation supplies
  - Meet designated HRSA grant objectives to remain compliant with educational goals and allocated funds
  - Develop and continue to evaluate graduate anesthesia simulation curriculum
  - Attend national simulation conferences and secure selective educational resources (e.g., textbooks, journals)
  - Continue to develop and revise the preliminary SON Policy, Procedure, Resource Manual to address needs unique to the METI high fidelity HPS
  - Mentor faculty inexperienced with graduate simulation education, including such areas as the development, delivery, recording, and evaluation of simulation scenarios, including debriefing techniques
  - Promote when feasible interdisciplinary educational simulation endeavors
  - Be proactive in establishing a safe high fidelity simulation and research center

### **Director of Graduate Simulation Education (UU)**

- 2007 Develop and implement anesthesia simulation curriculum with simulation specialist for graduate nurse anesthesia students (e.g., operating METI HPS, conducting and teaching debriefing techniques, performing evaluations of student simulation experiences)
- Mentor faculty inexperienced with graduate simulation education, including such areas as the development, delivery, recording, and evaluation of simulation scenarios, including debriefing techniques
  - Participate as a Member of Society for Simulation in Health Care (SSH)
  - Provide collaborative simulation education offerings with other simulation providers (e.g., Medical Education and Research Institute [MERI])
  - Attend national simulation meetings, promote interdisciplinary educational endeavors
  - Develop and revise as needed an architectural drawing for the future WCU Graduate Nurse Anesthesia Program's high fidelity simulation lab. Serve as the program's resource person for other university senior project team members (e.g., information technology personnel)
  - Promote simulation education within the community of interests (e.g., open houses)

### **CAE High Fidelity Simulation Scenarios Developed / Beta Tested / Implemented**

- Malignant hyperthermia (adult)
- Bronchospasm (adult)
- Pneumothorax (pediatric)
- Atrial fibrillation with a rapid ventricular response- cardioversion (adult)
- Anaphylaxis (pediatric)
- Ventricular tachycardia with an unstable airway- fiberoptic intubation (pediatric)

**CERTIFICATION**

2021 (07)	Expiration Date for Recertification (AANA)
2014	American Heart Association NALS Certification / Recertification (expires October)
2020	American Heart Association PALS Certification / Recertification (expires October)
2020	American Heart Association ACLS Certification / Recertification (expires October)
1988-90, 94-20	American Heart Association BLS for Health Care Providers
2002-04	American Heart Association PALS Provider / Instructor
2002-04	American Heart Association BLS Instructor
1995-04	American Heart Association ACLS Instructor
1985-Present	Council on National Board of Certification and Recertification of Nurse Anesthetists

**PROFESSIONAL REGISTRATION/ LICENSURE**

CCNA Certification No. 036721	2010 North Carolina Verification CRNA
237443	2010 North Carolina Registered Nurse
92682	2010 Connecticut Registered Nurse
4326	2010 Connecticut Advanced Practice Registered Nurse
CSP.0047146	2010 Connecticut Controlled Substance Registration for Practitioners
0024168293	2009 Virginia Nurse Practitioner- Nurse Anesthetist
28188285A	2009 Indiana Registered Nurse
RN0000151327	2005 Tennessee Registered Nurse
APN0000011014	2005 Tennessee Advanced Practice Nurse
NA-08241	2005 Ohio CRNA
R164957	2004 Maryland Registered Nurse
R164957	2004 Maryland CRNA
1-070611	1993 Alabama Registered Nurse
1-070611	1993 Alabama CRNA
14-063704-092	1991 Kansas Registered Nurse
00448-14-063704-092	1991 Kansas Registered Nurse Anesthetist
036721	1985 Certified Registered Nurse Anesthetist
095195A	1984 Florida Advanced Registered Nurse Practitioner
RN-251176-L	1983 Pennsylvania Registered Nurse
RN951952	1977 Florida Registered Nurse
Number: RN-148391	1977 Ohio Registered Nurse