Committee on Energy and Commerce U.S. House of Representatives

Witness Disclosure Requirement - "Truth in Testimony" Required by House Rule XI, Clause 2(g)(5)

1.	Your Name:	Blaine L. Enderson	MD, MBA,	FACS, FCCM
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2. Your Title: Chairman of the Board

3. The Entity(ies) You are Representing: Trauma Center Association of America (TCAA)

4. Are you testifying on behalf of the Federal, or a State or local government entity?

Yes No X

5. Please list any Federal grants or contracts, or contracts or payments originating with a foreign government, that you or the entity(ies) you represent have received on or after January 1, 2013. Only grants, contracts, or payments related to the subject matter of the hearing must be listed.

None

6. Please attach your curriculum vitae to your completed disclosure form.



Date: January 25, 2015_____

INSTRUCTIONS FOR COMPLETING THE TRUTH-IN-TESTIMONY DISCLOSURE FORM

In General. The attached form is intended to assist witnesses appearing before the Committee on Energy and Commerce in complying with Rule XI, clause 2(g)(5) of the Rules of the House of Representatives, which provides:

(B) In the case of a witness appearing in a nongovernmental capacity, a written statement of proposed testimony shall include a curriculum vitae and a disclosure of any Federal grants or contracts, or contracts or payments originating with a foreign government, received during the current calendar year or either of the two previous calendar years by the witness or by an entity represented by the witness and related to the subject matter of the hearing. (C) The disclosure referred to in subdivision (B) shall include (i) the amount and source of each Federal grant (or subgrant thereof) or contract (or subcontract thereof) related to the subject matter of the hearing origin of any payment or contract related to the subject matter of the hearing originating with a foreign government. (D) Such statements, with appropriate redactions to protect the privacy or security of the witness, shall be made publicly available in electronic form not later than one day after the witness appears.

Please complete the form in accordance with these directions.

- 1. *Name, Title, Entity(ies) (Items 1-3 on the form).* Please provide the name and title of the witness and the entity(ies) on whose behalf the witness is testifying.
- 2. *Governmental Entity (Item 4).* Please check the box indicating whether or not the witness is testifying on behalf of a government entity, such as a Federal department or agency, or a State or local department, agency, or jurisdiction. Trade or professional associations of public officials are not considered to be governmental organizations.

Grants and Contracts (Item 5). Please list any Federal grants or contracts, or contracts or payments originating with a foreign government, that you or the entity(ies) you represent have received <u>on or after January 1, 2013</u>. For each Federal grant (or subgrant thereof) or contract (or subcontract thereof) related to the subject matter of the hearing, please include the amount and source of each. For each payment or contract originating with a foreign government related to the subject matter of the hearing, please include the amount and country of origin of each. <u>Only grants, contracts, or payments related to the subject matter of the hearing must be listed</u>.

- 3. *Curriculum Vitae (Item 6)*. Please attach your CV to your completed disclosure form.
- 4. *Submission.* Please sign and date the form in the appropriate place. Please submit this form with your written testimony. Please note that under the Committee's rules, copies of

a written statement of your proposed testimony must be submitted before the commencement of the hearing. To the greatest extent practicable, please also provide a copy in electronic format according to the Electronic Format Guidelines that accompany these instructions.

<u>April 1, 2014</u>

CURRICULUM VITAE

<u>NAME:</u> <u>BIRTHDATE:</u> <u>BIRTHPLACE:</u>	Blaine L. Enderson, M.D. November 25, 1954 Fort Carson, Colorado	
EDUCATION: Undergraduate:	University of North Dakota B.A. Grand Forks, North Dakota Economics, Summa Cum Laude	1976
Graduate/Medical School:	University of South Dakota M.D. School of Medicine Vermillion, South Dakota	1980
	University of Tennessee Knoxville, Tennessee Master of Business Administration	1998
Residency:	Resident, General Surgery Michael Reese Hospital and Medical Chicago, Illinois	1980-84 Center
	Research Fellow Department of Surgery Michael Reese Hospital and Medical Chicago, Illinois	1982-83 Center
	Chief Resident Department of Surgery Michael Reese Hospital and Medical Chicago, Illinois	1984-85 Center
Postgraduate:	NIH Fellow in Trauma Harborview Medical Center University of Washington Seattle, Washington	1985-87

HONORS:			
Undergraduate:	J.F.T. O'Connor Scholar		
	National Merit Corporation Scholar		
	Omicron Delta Epsilon		
	Blue Key		
	Phi Beta Kappa		
Medical School:	Jason M. Payne Memorial Scholar		
Residency:	Finalist, Young Investigators' Award		
-	Shock Society, 1983		
	Chief Administrative Resident		
	Department of Surgery, 1984-85		
	Faculty Teaching Award, 1988-89		
	Department of Surgery		
	University of Tennessee Medical Ce	enter	
	Knoxville, Tennessee		
BOARD CERTIFICATION:	American Board of Surgery	1986	
	Certificate #31443		
	Recertification	1994, 2004	
	American Board of Surgery	1987	
	Special Certification in		
	Surgical Critical Care		
	Certificate #070		
	Recertification	1995, 2005	
Other Certifications:	ACLS Provider	1982	
	ACLS Instructor	1991	
	ATLS Provider	1986	
	ATLS Instructor	1986	
	PHTLS Instructor	1991	
MEDICAL LICENSURE:	Illinois		
	Washington		
	Tennessee MD 018190		
SOCIETY MEMBERSHIPS:	American College of Surgeons Can	didate Group	
	1982-1990		
	American College of Surgeons Fellow 1990-Present		
	College of Critical Care Medicine F 1992-Present	ellow	

SOCIETY MEMBERSHIPS: Continued

American Association for the Surgery of Trauma 1990-Present

Association of Academic Surgery 1985-Present

Shock Society 1986-Present

American Thoracic Society 1987-Present

Eastern Association for the Surgery of Trauma 1987-Present

American Trauma Society 1987-Present

Tennessee Thoracic Society 1987-Present

Southeastern Surgical Congress 1987-Present

American Association for Automotive Medicine 1987-Present

Society for Critical Care Medicine 1988-Present

Southern Medical Association 1988-Present

Tennessee Medical Association 1988-Present

Knoxville Academy of Medicine 1988-Present

Knoxville Surgical Society 1988-Present

Undersea and Hyperbaric Medical Society 1989-2000

SOCIETY MEMBERSHIPS: Continued

American Medical Association Societe Internationale de Chirurgie 1991-Present
International Society of Aquatic Medicine 1991-Present
Pan American Trauma Society 1992-Present
Wilderness Medical Society 1992-Present
Aeromedical Physicians Assoc. 1993-Present
Associate, International Federation of Surgical Colleges 1993-Present
Southeast Region, Society of Critical Care Medicine 1993-Present

The Society of Laparoendoscopic Surgeons 1994-Present

The American College of Physician Executives 1996-Present

Other Activities:

Flight Surgeon, Airlift Northwest 1985-87 Seattle, Washington

Assistant Leader, People to People International 1988 Citizen Ambassador Program Critical Care Nursing Delegation to People's Republic of China

Course Director-Advanced Trauma Life Support (ATLS) University of Tennessee Medical Center October 21-22, 1988 December 2-3, 1988 May 5-6, 1989 Other Activities: Continued

July 7-8, 1989 November 10-11, 1989 January 19-20, 1990 July 19-21, 1990 (Instructor Course) August 25-26, 1990 May 24-25, 1991 April 3-4, 1992 July 24-25, 1992 February 24-25, 1994 May 13-14, 1994 September 24, 1994 (Instructor Course) November 4-5, 1994 May 5-6, 1995 August 4-5, 1995 February 24, 1996 (reverifications only) June 25-29, 1996 December 13-14, 1996 July 18-19, 1997 February 20-21, 1998 March 26-27, 1999 (Instructor Course) June 18-19, 1999 December 10-11, 1999 Feb 11-12, 2000 November 3-4, 2000 (Instructor Course) July 27-28, 2001 April 4-5, 2003 (Instructor Course) May 2-3, 2003 July 18-19, 2003 November 7 & 8, 2003 June 8-9, 2005 (Instructor Course) July 21-22, 2006 October 7-8, 2008 August 26-27, 2009 (Instructor Course) August 5-6. 2010 February 2-3, 2012 (Instructor Course) Orientation Course in Hyperbaric Oxygen 1989 Memorial Medical Center of Long Beach Long Beach, California February 27- March 3, 1989 Clinical Hyperbaric Medicine Course 1989 Maryland Institute for EMS System Baltimore, Maryland

September 18-22, 1989

Preceptorship in Laparoscopic Cholecystectomy 1990 Westside Hospital Nashville, Tennessee February 22, 1990 Biliary Lithotripsy and Ultrasound for 1990 Abdominal Trauma Medizinische Hochschule Hannover Hannover, West Germany April 4-10, 1990 Trauma Center Site Surveyor --State of Florida January 26-29, 1992 April 5-6, 1992 September 27-28, 1992 October 16-20, 1994 April 21-23, 1996 December 7-9, 1998 September 23-24, 2002 April 3-4, 2005 July 11-13, 2005 November 14-15, 2005 December 2-3, 2007 --State of Pennsylvania July 5-7, 1992 June 12-14, 1994 July 7-10, 1997 May 20-21, 2004 July 2-3, 2005 April 4-5, 2006 April 18-19, 2007 April 9-10, 2008 April 22-23, 2009 April 21-22, 2010 May 2-3, 2011 April 25-26, 2012 --State of Illinois August 9-11, 1993 April 15-16, 1997 May 8-9, 2007 March 11-13, 2008 April 14-16, 2008 April 22-24, 2008 May 28-30, 2008 May 5-7, 2009 June 2-4, 2009

June 16-17, 2009 May 24-27, 2010 May 30-June 2, 2010 June 7-9, 2010 June 14-16, 2010 April 11-14, 2011 May 9-11, 2011 May 23-26, 2011 June 6-10, 2011 -- State of Washington April 23-26, 1995 November 9-10, 2004 --State of Oregon May 28-30, 1997 --State of Tennessee October 5, 1998 October 12, 1998 December 11, 1998 April 18, 2000 May 1-2, 2001 May 14, 2001 November 17-18, 2003 December 3, 2003 April 10, 2006 May 5, 2006 February 18, 2009 March 4, 2009 --State of North Carolina August 27-29, 2001 September 10-11, 2001 December 2-3, 2004 --State of South Carolina January 29-30, 2004

<u>UNIVERSITY</u> APPOINTMENTS:

Medical Advisor 2011-Present Trauma and Emergency Services University Health Systems, Inc

Medical Director 2005-Present Critical Care Services UT Medical Center, Knoxville

Professor 1999-Present Department of Surgery University of Tennessee UT Medical Center, Knoxville

<u>UNIVERSITY</u> <u>APPOINTMENTS: Continued</u>

Program Director 1994-2010 Surgical Critical Care Residency UT Medical Center, Knoxville				
Associate Professor Department of Surgery University of Tennessee Medical Center, Knoxville	1992-99			
Assistant Professor Department of Surgery University of Tennessee Medical Center, Knoxville	1987-92			
Medical Director Lifestar Aeromedical Service University of Tennessee Medical Center, Knoxville	1992-2002 es			
Medical Director, Hyperbarie Medicine Department University of Tennessee Medical Center, Knoxville	c 1991-94			
Director, Trauma Service University of Tennessee Medical Center, Knoxville	1987-2010			
Director, Surgical Critical Ca University of Tennessee Medical Center, Knoxville	ure 1987-2010			
Chief, Division of Trauma and Critical Care University of Tennessee	1987-2010			
Medical Center, Knoxville Instructor of Surgery and Trauma Attending Harborview Medical Center Seattle, Washington	1986-87			

<u>UNIVERSITY</u> <u>APPOINTMENTS: Continued</u>

1986-87

Associate Member Department of Surgery Harborview Medical Center University of Washington Seattle, Washington

PROFESSIONAL EXPERIENCE:

University General Surgeons, P.C. Knoxville, Tennessee July 1987-December 31, 2010

University Health Systems, Inc. January 1, 2011-present

VISITING PROFESSORSHIPS AND INVITED LECTURES:

Invited Guest, Chinese Medical Association, 1992 Beijing Emergency Medical Center, and provincial governments: People's Republic of China, including Beijing Province, Hebei Province, Shaanxi Province, and Shandong Province October 17 - November 6, 1992

Appointed honorary professor of Hebei Academy of Medical Sciences, People's Republic of China 1992

Appointed honorary director of Zibo First Hospital, Zibo City, Shandong Province, People's Republic of China 1992

Delegation Leader, People to People International Citizen Ambassador Program and Critical Care Medicine Delegation, People's Republic of China 1993

Honorary Member, Columbian Trauma Association 1994

<u>EDITORIAL</u> <u>APPOINTMENTS:</u>

Associate Editor, Trauma Chronicle 1990 Current Concepts in Critical Care and Trauma

Section Editor, Trauma Rounds Journal of the Tennessee Medical Association 1992-

Ad hoc Manuscript Reviewer, Journal of Trauma 1998-

Ad hoc Manuscript Reviewer, American Surgeon 2008-

Abstract Reviewer—SCCM1994-Abstract Reviewer—Am Coll Chest Phys2000

<u>COMMITTEES AND</u> <u>OFFICES HELD:</u>

Vice President, Eastern Tennessee Unit of the Tennessee Chapter of the American Trauma Society, 1987-1989

UTMCK:

Special Care Committee, UTMCK, 1988-Infection Control Committee, UTMCK, 1988-1990 ER and Outpatient Committee, UTMCK, 1988-Pharmacy and Therapeutics Committee, UTMCK, 1988-Trauma QA Committee, Chairman, UTMCK, 1988-Medical Records Committee, UTMCK, 1988-Chairman, 1989-1992 Credentials Committee, UTMCK, 1989-1991, 2000, 2001, 2002 Disaster Committee, UTMCK, 1989-Nutritional Support Committee, 1991-UTMCK, Knoxville Institutional Review Board, 1992 HBO OA Committee, Chairman, UTMCK, 1991-1992 Surgical QA Committee, Chairman, UTMCK, 1992 UTMC Knoxville Academic Appointment, Promotion and Tenure Committee 1992-1995 Executive Committee, UTMCK, 1996, 1999, 2000, 2001.2002 Co-Chairman Trauma Task Force, UTMCK, 1997 Case Management Task Force, UTMCK, 1998 Resident Complement Committee, UTMCK, 1998 Process Improvement Committee, UTMCK, 1999 Bylaws Committee, UTMCK, 2000, 2001, 2002 OR Committee, UTMCK, 1999, 2001, 2002

Secretary of the Medical Staff, UTMCK, 2000 Chief of Staff-Elect of the Medical Staff, UTMCK, 2001 Chief of Staff of the Medical Staff, UTMCK, 2002 Chair, Credentials Committee, 2003

Chair, Bylaws Committee, 2004

Knox County Trauma Audit Committee, Chairman, 1991-

Knoxville Academy of Medicine, Board, 2001 Tennessee State Committee on Trauma, 1990-

EAST:

Issues Committee, EAST, 1990 Publications subcommittee, EAST, 1993 EAST Task Force on Healthcare Reform, 1993 Publications Committee, EAST, 1994 Publications Committee, EAST, 1995 Member, Board of Directors, EAST, 1995-1998 Chairman, Future Meetings Committee EAST, 1995-1997 Local Arrangements Chair EAST, 1996-1998 Secretary-Treasurer, EAST, 1998-2001 President-Elect, EAST, 2001 President, EAST, 2002 Nominations Committee, Chair, 2003

EAST Foundation Board of Directors, 2004-2006

AAST committee on CPT coding for trauma, 1994 AAST Prevention Committee, 2003-2006

University Physician Association: University Physician Association Founding Committee, 1995 Contract and Finance Committee, 1996-1998 Board of Directors, 1998-Chairman, Contract and Finance Committee, 1998-2001 Executive Committee, UPA, 2001-President, UPA, 2001-2004 Medical Director, UPA 2004-

UHS Board of Directors, 2001-2004

Board of Directors, National Foundation for Trauma Care 2007

Vice Chair, National Foundation for Trauma Care/Trauma Center Association of America, 2010-2012 Chair, Trauma Center Association of America, 2012-

American College of Surgeons, National Committee on Trauma, 2009-present Member, Rural Trauma Committee, 2009-present Member, Performance Improvement and Patient Safety Committee, 2009-present Chair, Performance Improvement and Patient Safety Committee, 2012-present Member, Executive Committee, 2012-present

PRESENTATIONS:

INTERNATIONAL PRESENTATIONS:

1. **Trauma in the United States.** (before the medical and nursing staff of Subei Hospital, Yangzhou, Peoples Republic of China, October 3, 1988).

2. **Critical Care Today.** (before First International Conference on Maxillofacial Trauma, Knoxville, Tennessee, April 12, 1989).

3. **Combined On-Line and Off-Line Medical Control for Trauma.** (before International Conference on Emergency Health Care Development, Washington, DC, August 15, 1989).

4. **Trauma Care Systems in the United States.** (before First National Chinese Conference on Emergency Medicine and Disasters, Beijing, People's Republic of China, October 20, 1992).

5. **How to Establish an Emergency Medical Center in Tang Shan.** (panel discussion with Dr. Li Zhong Hao and Dr. Wang Qin Xing, directors of Beijing and Hebei Emergency Medical Centers), (before medical staff of Tang Shan Workers Hospital, Tang Shan, Hebei Province, People's Republic of China, October 24, 1992).

6. **Trauma Care Systems in East Tennessee.** (before emergency medical staffs of 16 hospitals by invitation of the Hebei Academy of Medical Sciences, Shijiazhuang, Hebei Province, People's Republic of China, October 26, 1992).

7. **Emergency Care Systems in the United States.** (before hospital directors and emergency department directors of 67 hospitals in Xian, by invitation of the Shaanxi provincial government, Xian, Shaanxi province, People's Republic of China, October 30, 1992).

8. **Emergency Care Systems in the United States.** (before hospital staff of Zibo City First Hospital and emergency department directors of other hospitals in Zibo City, Shandong Province, People's Republic of China, November 3, 1992).

9. **Emergency Care Systems in the United States.** (before departmental medical directors and head nurses of Beijing Emergency Medical Center, Beijing, People's Republic of China, November 5, 1992).

10. Ventilator Management of Acute Respiratory Failure-An Update. (before Critical Care Conference, Hospital Sirio Libanes, Sao Paulo, Brazil, April 15, 1993).

PRESENTATIONS:

INTERNATIONAL PRESENTATIONS: CONTINUED

11. **Trauma Systems in the United States.** (before Surgical Grand Rounds, Hospital Das Clinicas, Sao Paulo, Brazil, April 16, 1993).

12. **Trauma Care in the United States.** (before Chinese Medical Association, Beijing Branch, and medical staff of Beijing Emergency Medical Center, Beijing, People's Republic of China, August 31, 1993).

13. **Trauma Care in the United States.** (before Chinese Medical Association, Shanghai Branch, and medical staff of Riujin Hospital, Shanghai, People's Republic of China, September 3, 1993).

14. **Pressure Control Ventilation in Acute Respiratory Failure.** (before Chinese Medical Association, Yunman Branch, Kunming, People's Republic of China, September 6, 1993).

15. **Trauma Care in the United States.** (before Chinese Medical Association, Yunman Branch, Kunming, People's Republic of China, September 6, 1993).

16. **New Modes of Ventilatory Management in the Trauma Patient.** (before VII Annual Congress of the Pan American Trauma Society and III Congress of the Columbian Trauma Association, Cartagena, Columbia, November 16, 1994).

17. Changes in the Coagulation and Fibrinolytic System that Occur in Trauma Patients. (before VII Annual Congress of the Pan American Trauma Society and III Congress of the Columbian Trauma Association, Cartagena, Columbia, November 17, 1994).

18. **New Infections in the Critically-Ill Trauma Patient.** (before VII Annual Congress of the Pan American Trauma Society and III Congress of the Columbian Trauma Association, Cartagena, Columbia, November 19, 1994).

19. **Oxygen Transport and Utilization in the Trauma Patient.** (before International Symposium on Trauma Surgery and Critical Care, Sao Paulo, Brazil, December 3, 1994).

20. **Profile of the Trauma Assistance Program in the United States.** (before International Symposium of Trauma Surgery and Critical Care, Sao Paulo, Brazil, December 3, 1994).

21. **Emergency Room Thoracotomy.** (before VIII Annual Congress of the Pan American Trauma Society and First Congress of the Brazilian Trauma Society, Salvador, Bahia, Brazil, November 25, 1995).

22. **The Role of the Surgeon in the ICU.** (before IX Annual Congress of the Pan American Trauma Society and V Congress of the Columbian Trauma Society, Cartagena, Columbia, November 13, 1996).

23. **Emerging Technologies for Telemedicine in Trauma: Prehospital.** (before IX Annual Congress of the Pan American Trauma Society and V Congress of the Columbian Trauma Society, Cartagena, Columbia, November 13, 1996).

24. **Economics of Trauma Complications.** (before Xth Annual Congress of the Pan American Trauma Society, Miami, Florida, November 21, 1997).

25. Invited discussant of manuscript entitled, **"Needle Decompression**

Thoracostomy in Trauma Patients with Suspected Tension Pneumothoraxis Analysis of Its Use by Paramedics at the Scene." (before Xth Annual Congress of the Pan American Trauma Society, Miami, Florida, November 21, 1997).

PRESENTATIONS:

INTERNATIONAL PRESENTATIONS: CONTINUED

26. **The Impact of New Technology on Missed Injuries.** (before XIX Panamerican Trauma Congress—IX Colombian Trauma Congress, Cartegena, Colombia, November 16, 2006).

27. **The Economics of Trauma.** (before XIX Panamerican Trauma

Congress—IX Colombian Trauma Congress, Cartegena, Colombia, November 18, 2006).

28. The Role of Thromboelastography (TEG) in Trauma and Coagulation Monitoring. (before Second Annual Comprehensive State of the Art Surgical and Medical Symposium, Sulaymania, Kurdistan, Iraq, March 14, 2012).

29. **TEAM Training/ATLS.** (before Medical and Nursing staff at Sulaymania, March 15, 2012; Duhok, March 17, 2012; Zakho, March 18, 2012; and Amedia, Kurdistan, Iraq, March 19, 2012).

30. **Disaster Medicine**, before Third Annual Comprehensive State of the Art Surgical and Medical Symposium, Sulaymania, Kurdistan, Iraq, March 13, 2013

31. **Airway Management**, before Surgical and Internal Medicine Residents, Azadi Teaching Hospital, Duhok, Kurdistan, Iraq, March 16, 2013

32. **Thoracic Xray Interpretation**, before Surgical and Internal Medicine Residents, Azadi Teaching Hospital, Duhok, Kurdistan, Iraq, March 17, 2013

33. **Trauma Systems of Care**, before Fifth Annual State-of-the-Art Surgical and Medical Symposium, Duhok-Kurdistan, Iraq, May 23, 2014

NATIONAL PRESENTATIONS:

1. **Response of Extravascular Lung Water to E. Coli Augmented by Surgery.** (before the 1987 Region X Committee on Trauma Competition, Portland, Oregon).

2. Inverse I:E Ratio Ventilation Can Improve Oxygenation in Adult Respiratory Distress Syndrome. (before the Society of Critical Care Medicine Annual Meeting, New Orleans, Louisiana, June 8, 1989).

3. **The Tertiary Trauma Survey: A Prospective Study of Missed Injury.** (before the 50th Annual Meeting of the American Association for the Surgery of Trauma, Chicago, Illinois, October 6, 1989).

4. **Fibrinolysis in Multiple Trauma Patients.** (before Eastern Association for the Surgery of Trauma, Naples, Florida, January 11, 1990).

5. **Is There Anything Really New and Effective in Ventilatory Management?** (before Trauma and Critical Care '90-Point/Counterpoint IX, Atlantic City, New Jersey, September 20-22, 1990).

6. **How I "Close the Loop".** (before Trauma and Critical Care '90-Point/Counterpoint IX, Atlantic City, New Jersey, September 20-22, 1990).

7. Invited discussant of manuscript entitled, "**Non-effect of Experimental Hemorrhagic and Blunt Trauma on Circulatory Tumor Necrosis Factor.**" (before the Fourth Scientific Assembly, Eastern Association for the Surgery of Trauma, Long Boat Key, Florida, January 18, 1991).

8. **Fibrinolysis in Trauma.** (before 4th Annual Science Associate Research Conference in Surgery, sponsored by Merck, Sharp and Dohme, West Point, Pennsylvania and Rahway, New Jersey, June 4-6, 1991).

9. Advances in the Treatment of Blunt Abdominal Trauma - Video

Presentation. (before American College of Surgeons 77th Annual Clinical Congress, Chicago, Illinois, October 23, 1991).

10. **Monoclonal Antibodies - Practical Application.** (before Trauma and Critical Care '92-Point/Counterpoint XI, Atlantic City, New Jersey, May 4-6, 1992).

11. **Tube Thoracostomy for Occult Pneumothorax - A Prospective Randomized Study of Its Use.** (before American Association for the Surgery of Trauma Annual Meeting, September 18, 1992).

12. Invited discussant of manuscript entitled, "**Critical Care Training Makes Trauma More Attractive as a Career.**" (before Fifty-Third Annual Meeting of the American Association for the Surgery of Trauma, New Orleans, Louisiana, September 23, 1993).

13. **Pressure Ventilation vs. Volume Ventilation.** (before Advances in Ventilation Seminar, Cincinnati, Ohio, September 28, 1993).

14. Invited discussant of manuscript entitled, **"The Safety and Accuracy of Physical Examination Alone in the Management of Patients with Penetrating Zone II Neck Trauma and no Hard Signs of Vascular Injury."** (before Seventh Annual Scientific Session of the Eastern Association for the Surgery of Trauma, Freeport, Bahamas, January 13, 1994).

15. **Pressure Control Ventilation vs. Conventional Volume Ventilation.** (before Eastern Association for the Surgery of Trauma Annual Meeting, Freeport, Bahamas, January 14, 1994).

16. **Ventilopathy.** (before Trauma and Critical Care '94 - Point/Counterpoint XIII, Philadelphia, Pennsylvania, May 9, 1994).

17. **What's New in Antimicrobial Therapy?** (before Trauma and Critical Care '94 Point/Counterpoint XIII, Philadelphia, Pennsylvania, March 10, 1994).

18. **Post-Operative Nausea and Vomiting.** (Audio education tape, recorded in Raleigh, North Carolina, August 26, 1994).

19. Invited discussant of manuscript entitled, "Molecular Markers of Hemostasis Following Major Injury: Effect of Therapy with Interferon-Gamma." (before Eighth Annual Scientific Session of the Eastern Association for the Surgery of Trauma, Sanibel Harbor, Florida, January 11, 1995).

20. **Complications in Critical Care--Can They Be Avoided?** (before the Fourth Critical Care Symposium: The Management of Critical Illness-Therapeutic and Technological Advances, Orlando, Florida, April 27-29, 1995).

21. Invited discussant of manuscript entitled, "An Evaluation of Patient Outcomes Comparing Trauma Activation vs. Trauma Team Not Activated Utilizing TRISS Analysis." (before Fifty-fifth Annual Meeting of the American Association for the Surgery of Trauma, Halifax, Nova Scotia, September 26-30, 1995).

22. Invited discussant of manuscript entitled, **"Defining DOA: Impact on a Level I Trauma Center."** (before the Ninth Annual Scientific Meeting for the Eastern Association for the Surgery of Trauma, Orlando, Florida, January 10-13, 1996).

23. Acute Lung Injury: Are Newer Ventilatory Modalitic Making a Difference? (before National Center for Advanced Medical Education, Chicago, Illinois, April 12, 1996).

24. **Newer Antimicrobials for Old Problems.** (before National Center for Advanced Medical Education, Chicago, Illinois, April 12, 1996).

25. Invited discussant of manuscript entitled, "**Does Lining Polypropylene with Polygalactin Mesh Reduce Intraperitoneal Adhesions.**" (before 66th Annual Scientific Meeting of the Southeastern Surgical Congress, Atlanta, Georgia, February 3, 1998).

26. Cardiovascular Management. (before Selected Topics in Critical Care, Fairview Hospital, Cleveland, Ohio, March 11, 1998).

27. Planning, Implementing, and Sustaining Technology Projects. (before TIIAP 1999 Technical Assistance Workshop, Memphis, Tennessee, January 29, 1999).

28. Weaning the Vent—How I Do It. (before Trauma and Critical Care '99 Point/Counterpoint XVIII, Atlantic City, New Jersey, May 25, 1999).

29. New Antibiotics—Same Old Indications? (before Trauma and Critical Care '99 Point/Counterpoint XVIII, Atlantic City, New Jersey, May 25, 1999).

30. Trauma At UT—Better Performer Case Study. (before UHC Trauma Benchmarking Knowledge Transfer Meeting, San Antonio, Texas, June 23, 1999).

31. Managing Transfer Cases/Use of Telemedicine (before UHC Trauma Benchmarking Knowledge Transfer Meeting, San Antonio, Texas, June 24, 1999).

32. Telemedicine in Trauma (before Seventh Annual Trauma Symposium, Ft. Lauderdale, Florida, February 17, 2000).

33. Antibiotic Resistance (before Seventh Annual Trauma Symposium, Ft. Lauderdale, Florida, February 18, 2000).

34. Ethics in Trauma (before Seventh Annual Trauma Symposium, Ft. Lauderdale, Florida, February 19, 2000).

35. Telemedicine in Trauma (before Trauma and Critical Care 2000—Point/Counterpoint XIX, Atlantic City, New Jersey, May 24, 2000).

36. Tracheostomy Revisited—Turmoil in Timing & Technique (before Trauma and Critical Care 2000—Point/Counterpoint XIX, Atlantic City, New Jersey, May 24, 2000).

37. Invited Discussant of Manuscript entitled, "**Prospective Comparison of** Admission CT Scan and Plain Films of the Upper Cervical Spine in Trauma Patients with Altered Mental Status." (before Fourteenth Annual Scientific Session of the Eastern Association for the Surgery of Trauma, Palm Harbor, FL, January 10, 2001.

38. Invited Discussant of Manuscript entitled, **"Delayed Vaccination Does Not Improve Antibody Responses in Splenectomized Rats Experiencing Hypovolemic Shock."** (before Southeastern Surgical Congress 2001 Annual Scientific Meeting and Postgraduate Courses, New Orleans, LA, February 6, 2001.

39. Perioperative Use of Telemedicine in a Rural Environment (before Southeastern Surgical Congress 2001 Annual Scientific Meeting and Postgraduate Courses, New Orleans, LA, February 6, 2001.

40. Appropriate Use of Inferior Vena Caval Filters (before Postgraduate Course 20—Clinical Update in Trauma at the 87th Annual Clinical Congress of the American College of Surgeons, New Orleans, LA, October 11, 2001).

41. Aeromedical Transport: Boon, Bane, or Boondoggle? (Inaugural Scott B. Frame Memorial Lecture, before National Association of Emergency Medical Technicians annual meeting, Nashville, Tennessee, October 3, 2002).

42. Can Trauma Surgeons Survive Business Medicine? (Presidential address at Sixteenth Annual Scientific Assembly of the Eastern Association for the Surgery of Trauma, Sanibel Harbour Resort and Spa, Fort Myers, Florida, January 17, 2003)

43. In the Trauma Center: Evaluation Priorities and Methods (before Postgraduate Course #5—Multidisciplinary Approaches to Multisystem Trauma: Issues and Priorities at the 33rd Annual ACS Spring Meeting, Hollywood, Florida, April 18, 2005).

44. Missed Injuries: Pitfalls and Guidelines (before Postgraduate Course #5— Multidisciplinary Approaches to Multisystem Trauma: Issues and Priorities at the 33rd Annual ACS Spring Meeting, Hollywood, Florida, April 18, 2005).

45. Software: What Makes It Do That? (before Information Technology Boot Camp at the 19th Annual Scientific Assembly of the Eastern Association for the Surgery of Trauma, Orlando, Florida, January 12, 2006).

46. Invited Discussant of Manuscript entitled, **"Detection of Cervical Spine Injuries in Alert, Asymptomatic Geriatric Blunt Trauma Patients: Who Benefits From Radiologic Imaging?** (before Southeastern Surgical Congress 2006 Annual Scientific Meeting, Orlando, Florida, February 20, 2006).

47. Invited Discussant of Manuscript entitled, "**Beta-blocker Exposure isAssociated** with Improved Survival Following Severe Traumatic Brain Injury" (before 65th Annual Meeting of the American Association for the Surgery of Trauma, New Orleans, LA, Septemeber 29, 2006).

- 48. Invited Discussant of Manuscript entitled, "Optimal Management Strategy for Incidental Findings in Trauma Patients: An Initiative for Mid-Level Providers" (before 66th Annual Meeting of the American Association for the Surgery of Trauma, Las Vegas, Nevada, September 29, 2007).
- **49. The CFO's Perspective on Hospital Finance** (before EAST Leadership Workshop Part 2: Elevating Financial Leadership Skills of Physician Leaders, Twenty First Annual Meeting of the Eastern Association for the Surgery of Trauma, Amelia Island, Florida, January 17, 2008).
- **50.** Invited Discussant of Manuscript entitled, **"Impact of Decompressive Craniectomy on Functional Outcome Following Severe Traumatic Brain Injury"** before 67th Annual Meeting of the American Association for the Surgery of Trauma, Maui, Hawaii, September 27, 2008.
- **51. Trauma: A Surgeon's Examination of Resources, Challenges, Improvement and Reform.** Premier Advisor Line Webinar, April 28, 2010.
- **52. The CFO's Perspective on Hospital Finance** (before EAST Leadership Workshop Part 2: Elevating Financial Leadership Skills of Physician Leaders, Twenty Fourth Annual Meeting of the Eastern Association for the Surgery of Trauma, Naples, Florida, January 25, 2011)
- **53. The CFO's Perspective on Hospital Finance** (before EAST Leadership Workshop: Elevating Financial Leadership Skills of Physician Leaders, Twenty Fourth Annual Meeting of the Eastern Association for the Surgery of Trauma, National Harbor, Maryland, June 13, 2011)
- **54. The Changing Face of Trauma**, Presidential Address, before 16th Annual Trauma Conference of the Trauma Center Association of America, Reno, Nevada, November 6, 2013

- **55. Trauma Center Oversight**, before Trauma Center Management Course, Trauma Center Association of America, Reno, Nevada, November 7, 2013
- 56. Trauma Performance Improvement: Incorporating the Joint Commission Terminology, before 17th Annual Meeting of the Trauma Center Association of America, San Antonio, Texas, September 30, 2014.
- **57. The Future of Trauma (Health) Care**, Presidential Address before 17th Annual Meeting of the Trauma Center Association of America, San Antonio, Texas, October 1, 2014.
- **58. Trauma Center Oversight**, before Trauma Center Management Course, Trauma Center Association of America, San Antonio, Texas, October 2, 2014

59.

REGIONAL PRESENTATIONS:

1. New Approaches to Measuring Tissue Oxygenation. (before the Symposium on Critical Assessment of Monitoring and Diagnostic Techniques in the Intensive Care Unit/Sections on Critical Care/Nursing/Scientific Assembly on Clinical Problems at the 1987 ATS Meeting, New Orleans, Louisiana, May 11, 1987).

2. **Trauma Update.** (before Emergency Medical Services Appreciation Banquet, Takoma Adventist Hospital, Greeneville, Tennessee, September 24, 1987).

3. **Trauma at the University of Tennessee.** (before Continuing Medical Education Program at Blount Memorial Hospital, Maryville, Tennessee, January 19, 1988).

4. **Initial Management of the Trauma Patient.** (before Continuing Medical Education Program at Sweetwater Hospital, Sweetwater, Tennessee, February 3, 1988).

5. **Occult Injuries in Blunt Trauma.** (before Second Annual Retreat of Southeastern Emergency Physicians--Challenges in Emergency Medicine, Gatlinburg, Tennessee, March 5, 1998).

6. **Trauma Systems.** (before Continuing Medical Education Program, Laughlin Memorial Hospital, Greeneville, Tennessee, March 14, 1988).

7. **Multiple Organ Failure Syndrome.** (before Metabolic Support and Management of the Critically III Patient, Gatlinburg, Tennessee, May 14-15, 1988).

8. **Trauma Team Concept.** (before Topics in Emergency Medicine CME Conference, Takoma Adventist Hospital, Greeneville, Tennessee, January 17, 1989).

9. **Head and Spinal Cord Trauma.** (before Southeast Kentucky Trauma Conference, March 14, 1989).

10. Extremity Trauma. (before Southeast Kentucky Trauma Conference, March 14, 1989).

11. **Case Studies in Trauma Management.** (before Tennessee Chapter of American College of Emergency Physicians Annual Meeting, Nashville, Tennessee, April 14, 1989).

12. **Chest Trauma.** (before Topics in Emergency Medicine CME Program, Takoma Adventist Hospital, Greeneville, Tennessee, April 18, 1989).

13. **Peer Pressure and Public Opinion--Can It Deter the Drinking Driver?** (before the 4th Annual Tennessee Highway Safety Conference, Nashville, Tennessee, May 3, 1989).

14. **Head Trauma.** (before Medical Staff Continuing Education Program, Woods Memorial Hospital, Etowah, Tennessee, May 4, 1989).

15. **How to Use a Trauma Center.** (before Upper Cumberland Medical Society Annual Meeting, Fall Creek Falls State Park, Pikeville, Tennessee, June 15, 1989).

16. Touring the Trauma Center. (before the Second Annual Metabolic Support and Management of the Critically III Patient, Asheville, North Carolina, October 13, 1989).
17. How to Use a Trauma Center. (before Paramedic Continuing Medical Education Program, Cumberland, Kentucky, December 4, 1989).

REGIONAL PRESENTATIONS: CONTINUED

18. **Trauma Systems and the Role of a Level III Trauma Center.** (before Medical Staff, Administration, Bradley County Memorial Hospital, Cleveland, Tennessee, December 5, 1989).

19. **Trauma in your Lifetime.** (before University of South Dakota School of Medicine Scientific Seminar, Sioux Falls, South Dakota, May 11, 1990).

20. **Pressure Modes of Ventilation.** (before Respiratory Update 1991, Birmingham, Alabama, February 21, 1991).

21. **Head, Spine & Cord Trauma.** (before Assessment & Stabilization of Multiple Trauma Patients Course, Pineville, Kentucky, March 12, 1991).

22. **Pressure Modes of Ventilatory Support.** (before Surgical Grand Rounds, LeHigh Valley Medical Center, Allentown, Pennsylvania, April 16, 1991).

23. **Initial Management of Trauma Patients.** (before 97th Annual Upper Cumberland Medical Society Continuing Education Course, Pikeville, Tennessee, June 27, 1991).

24. **Trauma in Pregnancy/Trauma Case Studies.** (before 97th Annual Upper Cumberland Medical Society Continuing Education Course, Pikeville, Tennessee, June 28, 1991).

25. **Pediatric Trauma.** (before Advanced Trauma Life Support Course, Johnson City, Tennessee, September 27, 1991).

26. **Trauma in Pregnancy.** (before Advanced Trauma Life Support Course, Johnson City, Tennessee, September 27, 1991).

27. **Pressure Control Ventilation and Inverse I:E Ratio.** (before Critical Issues in Respiratory Care, West Palm Beach, Florida, October 11, 1991).

28. **Pressure Control Ventilation.** (before Critical Care for Respiratory Practitioners in the 90's, Anderson, South Carolina, October 18, 1991).

29. **Intensive Care Lecture.** (before Tennessee Division-American Trauma Society Meeting, 3rd Annual Trauma Symposium, Nashville, Tennessee, November 5, 1991).

30. **Thoracic Trauma.** (before Prehospital Trauma Life Support Course, Roane State Community College, Knoxville, Tennessee, December 12, 1991).

31. Computer Aided Ventilation. (Austin, Texas, December 3, 1991).

32. **Respiratory Management - What's New in Ventilators.** (before Third Critical Care Symposium, Asheville, North Carolina, March 27-29, 1992).

33. **Pressure Modes of Ventilation.** (Update in Respiratory Care Symposium, Atlanta, Georgia, May 1, 1992).

34. Pressure Modes of Ventilatory Support. (before Annual Meeting of FloridaState Respiratory Care Society, Ft. Lauderdale, Florida, June 5, 1992).

35. **Pressure Modes of Ventilatory Support.** (before the Department of Surgery Grand Rounds, Georgia Baptist Hospital, Atlanta, Georgia, August 5, 1992).

36. What's New in Antimicrobial Therapy? (before Department of Surgery Grand Rounds, North Broward County Hospital, Pompano Beach, Florida, May 16, 1994).

37. **Management of Blunt Hepatic Trauma.** (before Department of Surgery Grand Rounds, Erlanger Medical Center, Chattanooga, Tennessee, July 27, 1994).

38. **Trauma Services at UT Medical Center.** (before Medical Staff, LaFollette Medical Center, LaFollette, Tennessee, March 3, 1995).

39. **A Blunt Cardiac Rupture Survivor - A Multidisciplinary Success.** (before the 20th Annual East Tennessee Emergency Medical Symposium, March 31, 1995). **REGIONAL PRESENTATIONS: CONTINUED**

40. **Trauma Services at UT Medical Center.** (before Medical Staff, Woods Memorial Hospital, Etowah, Tennessee, April 7, 1995).

41. **The Future of Aeromedical Services.** (before EMS Personnel, Jackson, Tennessee, November 30, 1995).

42. **Grand Rounds: New Developments in Trauma.** (before the Memorial Medical Center Staff, Savannah, Georgia, January 25, 1996).

43. **Initial Assessment.** (before Advanced Trauma Life Support Course, Knoxville, Tennessee, June 25, 1996).

44. **New Ventilatory Techniques for Acute Respiratory Failure.** (before 4th Annual EMS Symposium, Knoxville, Tennessee, May 17, 1996).

45. **BLS and Trauma.** (before EMS and Nursing Personnel, "Emergency Nurses" Association Annual Symposium, Gatlinburg, Tennessee, March 29, 1996).

46. **Abdominal Trauma.** (before the 22nd Annual East Tennessee Emergency Medical Symposium, Gatlinburg, Tennessee, March 21, 1997).

47. **Shock.** (before Medical Staff, Morristown-Hamblen Medical Center, Morristown, Tennessee, July 15, 1997).

48. **Multidisciplinary Family Interventions in Trauma and Critical Care.** (before Directions in Critical Care, Southeast Region of the Society of Critical Medicine, Knoxville, Tennessee, September 5, 1997).

49. **Traumatic Amputations.** (before Second Annual Seminar of the Tennessee Valley Case Management Society of America, Knoxville, Tennessee, March 17, 1998).

50. **Surgical Airway.** (before 5th Annual Emergency Medicine and Trauma Awareness Symposium, Knoxville, Tennessee, May 15, 1998).

51. **Pitfalls in Trauma Radiology**. (before the annual meeting of the Tennessee Society of Radiologic Technicians, Knoxville, Tennessee, October 16, 1998).

52. **Trauma Telemedicine.** (before the Rural Health Association of Tennessee Annual Conference, Gatlinburg, Tennessee, November 17, 1998).

53. **Telemedicine in Trauma** (before Regional EMS Banquet, UTMCK, Knoxville, Tennessee, May 12, 2000).

54. **Impact of Trauma on Society** (before Knoxville Area Highway Safety Area Briefing, Knoxville, Tennessee, June 26, 2000).

55. **Trauma Facilities** (before Second Annual EMS Banquet, UTMCK, Knoxville, Tennessee, May 18, 2001).

56. Aeromedical Transport: Boon, Bane, or Boondoggle? (before Department of Surgery Grand Rounds, Orlando Regional Medical Center, Orlando, Florida, April 18, 2003).

57. **Criteria for Trauma Transfers** (before Tennessee Department of Health EMS Medical Directors Conference, Gatlinburg, Tennessee, February 18, 2004).

58. **The Trauma Center and You—How Can It Work Better?** (before Southeastern Emergency Room Medical Directors Spring Conference, Knoxville, Tennessee, April 26, 2004).

59. Can Trauma Surgeons and EMS Systems Survive Business Medicine? (before

TASA Mid-Winter Conference, Gatlinburg, Tennessee, February 28, 2006).

60. **Rural Trauma Development Course** (before EMS and ED providers, Morristown-Hamblen Hospital, Morristown, Tennessee, October 26, 2007).

REGIONAL PRESENTATIONS: CONTINUED

- 61. **Rural Trauma Team Development Course** (before ED personnel, Sweetwater Hospital, Sweetwater, Tennessee, January 19, 2010).
- 62. **Geriatric Trauma** (before ABC to XYZ, Trauma: An International Challenge, the Second Annual Trauma Conference, Johnson City, Tennessee, October 7, 2010).
- 63. **Trauma: The Plague of Modern Society**, before UT Pastoral Care Conference on Trauma and Spiritual Care, March 6, 2014, Knoxville, Tennessee

64.

LOCAL PRESENTATIONS:

1. **High Frequency Ventilation.** (before Multidisciplinary Trauma Conference, University of Tennessee Medical Center, Knoxville, Tennessee, May 25, 1987).

2. **Abdominal Trauma.** (before UT Lifestar Prehospital EMS Care Lecture, University of Tennessee Medical Center, Knoxville, Tennessee, October 13, 1987).

3. **Trauma's Impact on American Society.** (before Eastern Unit of the Tennessee Division of the American Trauma Society, Knoxville, Tennessee, October 21, 1987).

4. **Trauma Systems and Level I Trauma Centers.** (before Continuing Medical Education Program, Association of Operating Room Nurses, Knoxville, Tennessee, February 4, 1988).

5. **Diaphragmatic Trauma.** (before Multidisciplinary Trauma Rounds, Baptist Hospital, Knoxville, Tennessee, March 24, 1988).

6. **Initial Assessment.** (before Advanced Trauma Life Support Provider Course, Knoxville, Tennessee, April 10-11, 1988).

7. Multiple Organ Failure Syndrome. (before Critical Care Conference,

University of Tennessee Veterinary School, Knoxville, Tennessee, July 14, 1988).

8. **Stabilization and Transport.** (before Advanced Trauma Life Support Provider Course, Knoxville, Tennessee, October 21-22, 1988).

9. **Trauma--Alpha to Omega.** (before Smoky Mountain Chapter Respiratory Care Seminar, Knoxville, Tennessee, April 20, 1989).

10. **Initial Assessment of the Trauma Patient.** (before Advanced Trauma Life Support Course, Knoxville, Tennessee, May 5-6, 1989).

11. **Stabilization and Transport.** (before Advanced Trauma Life Support Course, Knoxville, Tennessee, May 5-6, 1989).

12. **Initial Assessment of the Trauma Patient.** (before Advanced Trauma Life Support Course, Knoxville, Tennessee, July 7-8, 1989).

13. **Stabilization and Transport.** (before Advanced Trauma Life Support Course, Knoxville, Tennessee, July 7-8, 1989).

14. **Hemodynamic Monitoring.** (before Department of Medicine Critical Care Conference, University of Tennessee Medical Center, Knoxville, Tennessee, July 17, 1989).

15. **Trauma and Trauma Center.** (before First Methodist Church, Knoxville, Tennessee, September 17, 1989).

16. **Emergencies, Accidents, First Aid--How to be Prepared.** (before Cub Scout Pack 21, Sacred Heart Church, Knoxville, Tennessee, November 1, 1989).

17. **Initial Assessment of the Trauma Patient.** (before Advanced Trauma Life Support Course, Knoxville, Tennessee, November 10-11, 1989).

LOCAL PRESENTATIONS: CONTINUED

18. **Stabilization and Transport.** (before Advanced Trauma Life Support Course, Knoxville, Tennessee, November 10-11, 1989).

19. **Abdominal Trauma.** (before Continuing Medical Education Lecture Series, St. Mary's Medical Center, Knoxville, Tennessee, November 21, 1989).

20. **David has an Operation.** (before multiple school groups, in conjunction with UT Department of Public Relations).

21. **Ventilator Management: An Update.** (before Multidisciplinary Core Critical Care Lecture, UT Medical Center, January 9, 1990).

22. **Initial Assessment of the Trauma Patient.** (before Advanced Trauma Life Support Course, Knoxville, Tennessee, January 19-20, 1990).

23. **Stabilization and Transport.** (before Advanced Trauma Life Support Course, Knoxville, Tennessee, January 19-20, 1990).

24. **Fibrinolysis in Multiple Trauma Patients.** (before Multidisciplinary Core Critical Care Lecture, UT Medical Center, February 6, 1990).

25. **Laparoscopic Cholecystectomy.** (before Operating Room Continuing Education Program, UT Medical Center, March 28, 1990).

26. **Trauma Surgery.** (before Miles Pharmaceuticals, Knoxville Division Physician Consultant Series, Knoxville, Tennessee, June 21, 1990).

27. **The Right to Die With Dignity.** (on City Beat, WBIR TV, Knoxville, Tennessee, June 24, 1990).

28. **Abdominal Trauma.** (before Advanced Trauma Life Support Course, Knoxville, Tennessee, July 19-20, 1990).

29. **Stabilization and Transport.** (before Advanced Trauma Life Support Course, Knoxville, Tennessee, July 19-20, 1990).

30. **Chest Injuries.** (before UT Lifestar Prehospital EMS Care Lecture, University of Tennessee Medical Center, Knoxville, Tennessee, August 14, 1990).

31. **Current Trends in Critical Care.** (before Critical Care Conference, University of Tennessee College of Veterinary Medicine, Knoxville, Tennessee, August 16, 1990).

32. **Initial Assessment of the Trauma Patient.** (before Advanced Trauma Life Support Course, Knoxville, Tennessee, August 24-25, 1990).

33. **Stabilization and Transport.** (before Advanced Trauma Life Support Course, Knoxville, Tennessee, August 24-25, 1990).

34. **David has an Operation.** (before Bluegrass Elementary School, ABC taping for National Exposure, October 1, 1990).

35. **Shock.** (before Basic Trauma Life Support Course, Knoxville, Tennessee, November 3, 1990).

36. **Physicians in Critical Care.** (for Critical Care Awareness Week at University of Tennessee Medical Center, November 13, 1990).

37. **Coagulopathy.** (before Multidisciplinary Critical Care Core Lecture, University of Tennessee Medical Center, February 20, 1991).

38. Adjuncts to Airway Control, Ventilation and Supplemental Oxygen. (before Advanced Cardiac Life Support Provider Course, Knoxville, Tennessee, February 27, 1991).

39. **Pressure Modes of Ventilation.** (before Surgical Grand Rounds, University of Tennessee Medical Center, Knoxville, Tennessee, February 28, 1991).

LOCAL PRESENTATIONS: CONTINUED

40. **Abdominal Trauma.** (before Advanced Trauma Life Support Provider Course, Knoxville, Tennessee, March 1, 1991).

41. **New Techniques in Prehospital Care.** (before Rural Metro Continuing Medical Education Program, Knoxville, Tennessee, April 13 and April 27, 1991).

42. **Optimizing Mechanical Ventilation of the Surgical Patient**. (before New Concepts in Critical Care, Club LeConte, Knoxville, Tennessee, May 8, 1991).

43. **Upper Airway Management.** (before Prehospital Trauma Life Support Course, Knoxville, Tennessee, May 13, 1991).

44. **Head Trauma.** (before Prehospital Trauma Life Support Course, Knoxville, Tennessee, May 14, 1991).

45. **Laparoscopic Cholecystectomy.** (before University of Tennessee Family Practice Continuing Education Conference, Knoxville, Tennessee, May 22, 1991).

46. **Initial Assessment.** (before Advanced Trauma Life Support Course, Knoxville, Tennessee, May 24, 1991).

47. **Stabilization and Transport.** (before Advanced Trauma Life Support Course, Knoxville, Tennessee, May 25, 1991).

48. **Adjuncts to Airway.** (before Advanced Cardiac Life Support Course, Knoxville, Tennessee, October 3, 1991).

49. **Mega Code Testing Station.** (before Advanced Cardiac Life Support Course, Knoxville, Tennessee, October 3, 1991).

50. **Monoclonal Antibodies.** (before Critical Care Core Lecture, Knoxville, Tennessee, April 22, 1992).

51. **Autotransfusion.** (before Emergency Department, Continuing Medical Education Program, University of Tennessee Medical Center, Knoxville, Tennessee, July 23, 1992).

52. **Initial Assessment.** (before Advanced Trauma Life Support, Knoxville, Tennessee, July 23, 1992).

53. **Stabilization and Transport.** (before Advanced Trauma Life Support, Knoxville, Tennessee, July 25, 1992).

54. **Autotransfusion.** (before Critical Care Core Lecture, Knoxville, Tennessee, July 29, 1992).

55. **Halsted, The Surgeon Behind the Eponym.** (before Department of Surgery Grand Rounds, University of Tennessee Medical Center, Knoxville, Tennessee, August 6, 1992).

56. **Trauma in Your Lifetime.** (before Monthly Safety Meeting, Martin Marietta Corporation, Oak Ridge, Tennessee, August 11, 1992).

57. **Lifestar Aeromedical Services.** (before Soundoff Program, WIVK Radio, Knoxville, Tennessee, August 23, 1992).

58. Trauma Assessment/Trauma Systems. (before Rural Metro Corporation County Medical Education Program, Knoxville, Tennessee, August 28 & 29, 1992).
59. Laparoscopic Adhesiolysis. (before Advanced General Surgical Laparoscopic

59. **Laparoscopic Adhesiolysis.** (before Advanced General Surgical Laparoscopic Course, Knoxville, Tennessee, September 11 & 12, 1992).

60. **Multisystem Injured Patient with Maxillofacial Injuries.** (before Complex Facial Trauma and Contemporary Hard/Soft Tissue Wound Management, Knoxville, Tennessee, November 14, 1992).

LOCAL PRESENTATIONS: CONTINUED

61. **Pressure Support Ventilation.** (before Critical Care Core Conference,

University of Tennessee Medical Center, Knoxville, Tennessee, November 18, 1992).
62. Abdominal Injuries. (before University of Tennessee Lifestar Prehospital EMS Care Lecture, University of Tennessee Medical Center, Knoxville, Tennessee, February 9, 1993).

63. **Thoracic Trauma**. (before Advanced Life Support Course, Knoxville, Tennessee, February 26, 1993).

64. **Carbon Monoxide Poisoning.** (before Annual Meeting of Tennessee College of Occupational Medicine, Knoxville, Tennessee, March 6, 1993).

65. **Acute Inhalational Injuries - Panel Discussion Moderator.** (before Annual Meeting of Tennessee College of Occupational Medicine, Knoxville, Tennessee, March 6, 1993).

66. **Laparoscopic Adhesiolysis.** (before Advanced General Surgical Laparoscopy Course, Knoxville, Tennessee, March 20, 1993).

67. **Complications of Critical Care.** (before Surgical Grand Rounds, University of Tennessee Medical Center, Knoxville, Tennessee, April 29, 1993).

68. **Current Trends in Critical Care.** (before Critical Care Conference, University of Tennessee College of Veterinary Medicine, Knoxville, Tennessee, September 16, 1993).

69. **Thoracic Trauma.** (before Advanced Trauma Life Support Course, Knoxville, Tennessee, September 17, 1993).

70. **Thoracic Trauma.** (before Trauma Insights, University of Tennessee Medical Center, Knoxville, Tennessee, March 9, 1994).

71. **Prehospital Medicine,... or Why do they keep dumping on us?** (before Department of Surgery Grand Rounds, University of Tennessee Medical Center, Knoxville, Tennessee, April 21, 1994).

72. **Initial Assessment.** (before Advanced Trauma Life Support Course, Knoxville, Tennessee, May 13, 1994).

73. **Stabilization and Transport.** (before Advanced Trauma Life Support Course, Knoxville, Tennessee, May 14, 1994).

74. **EMS Research Class 101: How and Why.** (before Trauma Awareness Month and EMS Week Symposium, University of Tennessee Medical Center, Knoxville, Tennessee, May 21, 1994).

75. **ATLS - The Current ACS-COT Changes.** (before Trauma Awareness Month Physicians Symposium, University of Tennessee Medical Center, Knoxville, Tennessee, May 21, 1994).

76. **Trauma.** (on Channel 6 Reports, WATE-TV, Knoxville, Tennessee, June 5, 1994).

77. **Cricothyrotomy.** (before Walters State Paramedic Class, Knoxville, Tennessee, June 28, 1994).

78. **Initial Assessment.** (before Prehospital Trauma Life Support Course, Roane State Community College, Knoxville, Tennessee, July 28, 1994).

79. **Thoracic Trauma.** (before Advanced Trauma Life Support, Knoxville, Tennessee, August 5, 1994).

80. **Initial Assessment.** (before Advanced Trauma Life Support, Knoxville, Tennessee, November 4, 1994).

LOCAL PRESENTATIONS: CONTINUED

81. **Stabilization and Transport.** (before Advanced Trauma Life Support, Knoxville, Tennessee, November 5, 1994).

82. **Pharmacology.** (before Advanced Cardiac Life Support, Knoxville, Tennessee, November 8, 1994).

83. **Blunt Hepatic Trauma.** (before Critical Care Core Lecture, Knoxville, Tennessee, November 9, 1994).

84. **Needle and Surgical Crichothorocotomy.** (before Walters State Community College Paramedic Students, Knoxville, Tennessee, February 28, 1994).

85. **Head Trauma.** (before Roane State Community College Paramedic Students, Knoxville, Tennessee, March 29, 1995).

86. **Chest Trauma.** (before Roane State Community College Paramedic Students, Knoxville, Tennessee, March 29, 1995).

87. **Trauma--Complications and Controversies.** (before Roane State Community College Paramedic Students, Knoxville, Tennessee, March 29, 1995).

88. **Pathophysiology of Mechanical Ventilation--Ventilopathy.** (before Department of Surgery Grand Rounds, University of Tennessee Medical Center, Knoxville, Tennessee, April 6, 1995).

89. Trauma In Your Lifetime--Walking the Tightrope. (before Mini-Medical School, University of Tennessee Medical Center, Knoxville, Tennessee, April 6, 1995).
90. Trauma Presentation. (on Channel 10, Live at Five, Knoxville, Tennessee, May

10, 1995).
91. An Inclusionary Trauma Care System--Fine Tuning Trauma Care. (before the Second Annual Trauma Awareness Symposium: The Future of Emergency Medical

Center, University of Tennessee Medical Center, Knoxville, Tennessee, May 13, 1995).
92. Trauma Update. (before Medical Staff Conference, Jefferson Memorial Hospital, Jefferson City, Tennessee, August 8, 1995).

93. **Aeromedical Systems in East Tennessee.** (before EMS personnel, ED physicians and nursing staff, "EMS 2000" Conference, Knoxville, Tennessee, September 8, 1995).

94. Pharmacology I. (before ACLS, Knoxville, Tennessee, October 23, 1995).
95. Chest Trauma. (before the Lifestar Bimonthly EMS Conference, Knoxville, Tennessee, February 13, 1996).

96. **Telemedicine and Trauma.** (before the Mini-Medical School, Knoxville, Tennessee, February 22, 1996).

97. **David has an Operation.** (before the San Houston School, Maryville, Tennessee, March 18, 1996).

98. **Initial Assessment.** (before Advanced Trauma Life Support Course, Knoxville, Tennessee, June 25, 1996).

99. **Stabilization and Transportation.** (before Advanced Trauma Life Support Course, Knoxville, Tennessee, June 29, 1996).

100. **Initial Assessment.** (before Advanced Trauma Life Support Course, Knoxville, Tennessee, December 13, 1996).

101. **Stabilization and Transportation.** (before Advanced Trauma Life Support Course, Knoxville, Tennessee, December 14, 1996).

102. **Emergency Care: The Golden Hour and Beyond.** (before the Mini-Medical School, University of Tennessee Medical Center, Knoxville, Tennessee, April 17, 1997). **LOCAL PRESENTATIONS: CONTINUED**

103. **Initial Assessment.** (before Advanced Trauma Life Support Course, Knoxville, Tennessee, July 18, 1997).

104. **Stabilization and Transport.** (before Advanced Trauma Life Support Course, Knoxville, Tennessee, July 19, 1997).

105. **Critical Infectious Illness.** (before Fundamental of Critical Care Support Standardized Course, Knoxville, Tennessee, September 6, 1997).

106. **Extremity Trauma.** (before Basic Trauma Life Support Course, Knoxville, Tennessee, September 20, 1997).

107. **Burns.** (before Basic Trauma Life Support Course, Knoxville, Tennessee, September 20, 1997).

108. **Multidisciplinary Family Interventions in Trauma and Critical Care.** (before Critical Care Core Lecture, Knoxville, Tennessee, November 5, 1997).

109. **Initial Assessment and Management.** (before Advanced Trauma Life Support Course, Knoxville, Tennessee, February 20, 1998).

110. **Stabilization and Transport.** (before Advanced Trauma Life Support Course, Knoxville, Tennessee, February 21, 1998).

111. **Initial Assessment and Management.** (before Advanced Trauma Life Support Course, Knoxville, Tennessee, March 27, 1998).

112. **Stabilization and Transport.** (before Advanced Trauma Life Support Course Knoxville, Tennessee, March 28, 1998).

113. **Initial Assessment and Management.** (before Advanced Trauma Life Support Course, Knoxville, Tennessee, May 15, 1998).

114. **Injury Due to Burn and Cold.** (before Advanced Trauma Life Support Course Knoxville, Tennessee, May 15, 1998).

115. **Stabilization and Transport.** (before Advanced Trauma Life Support Course, Knoxville, Tennessee, May 16, 1998).

116. **Telemedicine—The Future, Available Now.** (before Department of Surgery Grand Rounds, UTMCK, January 7, 1999).

117. **Initial Assessment and Management.** (before Advanced Trauma Life Support Course, Knoxville, Tennessee, June 18, 1999).

118. **Stabilization and Transport.** (before Advanced Trauma Life Support Course Knoxville, Tennessee, June 19, 1999).

119. **Initial Assessment and Management.** (before Advanced Trauma Life Support Course, Knoxville, Tennessee, December 10, 1999).

120. **Stabilization and Transport.** (before Advanced Trauma Life Support Course Knoxville, Tennessee, December 11, 1999).

121. **Initial Assessment and Management.** (before Advanced Trauma Life Support Course, Knoxville, Tennessee, February 11, 2000).

122. **Stabilization and Transport.** (before Advanced Trauma Life Support Course, Knoxville, Tennessee, February 12, 2000).

123. **Abdominal Trauma** (before Advanced Trauma Life Support Course, Knoxville, Tennessee, May 12, 2000).

124. **Trauma Care—Past, Present, and Future** (before the Mini-Medical School, UTMCK, Knoxville, Tennessee, October 5, 2000).

125. Shock (before FCCS Course, UTMCK, Knoxville, Tennessee, October 6, 2000).

LOCAL PRESENTATIONS: CONTINUED

126. **Critical Care in Pregnancy** (before FCCS Course, UTMCK, Knoxville, Tennessee, October 6, 2000).

127. **Initial Assessment and Management.** (before Advanced Trauma Life Support Course, Knoxville, Tennessee, July 27, 2001).

128. **Stabilization and Transport.** (before Advanced Trauma Life Support Course, Knoxville, Tennessee, July 28, 2001).

129. **Musculoskeletal Trauma Assessment.** (before Advanced Trauma Life Support Course, Knoxville, Tennessee, October 18, 2002).

130. **Initial Assessment and Management.** (before Advanced Trauma Life Support Course, Knoxville, Tennessee, May 4, 2003)

131. **Initial Assessment and Management.** (before Advanced Trauma Life Support Course, Knoxville, Tennessee, July 18, 2003).

132. **Transfer to Definitive Care.** (before Advanced Trauma Life Support Course, Knoxville, Tennessee, July 19, 2003).

133. **Trauma: The Plague of Modern Society.** (before Mini-Medical School, University of Tennessee Medical Center, Knoxville, Tennessee, October 30, 2003).

134. **Shock.** (before Fundamentals of Critical Care Course, University of Tennessee Medical Center, Knoxville, Tennessee, May 7, 2004).

135. **Shock.** (before Advanced Trauma Life Support Course, Knoxville, Tennessee, August 13, 2004).

136. **Shock.** (before Fundamentals of Critical Care Course, University of Tennessee Medical Center, Knoxville, Tennessee, September 17, 2004).

137. A History and Overview of Trauma Services at the University of Tennessee Medical Center (before EMS Night Out, University of Tennessee Medical Center, Knoxville, Tennessee, September 21, 2004).

138. **Trauma** (before Emergency Medicine Symposium, University of Tennessee Medical Center, Knoxville, Tennessee, August 13, 2005).

139. **Shock** (before Fundamentals of Critical Care Course, University of Tennessee Medical Center, Knoxville, Tennessee, May 22, 2006).

140. **Trauma: The Neglected Disease** (before Knox County Health Department, Knoxville, Tennessee, June 28, 2006).

141. Initial Assessment and Management. (before Advanced Trauma Life Support

Course, Knoxville, Tennessee, July 22, 2006).

- 142. **Intensive Care for Organ Donors and Donation After Cardiac Death** (before Nursing Grand Rounds, University of Tennessee Medical Center, November 8, 2007).
- 143. **Critical Care for the Injured Patients** (before Department of Medicine Critical Care Lecture Series, University of Tennessee Medical Center, November 27, 2007).
- 144. **Initial Assessment and Management** (before Advanced Trauma Life Support Course, Knoxville, Tennessee, November 7, 2008).
- 145. **Trauma Systems and Trauma Care at UT** (before Leadership Knoxville, UTMCK, November 13, 2008).
- 146. **Critical Care for the Injured Patients** (before Department of Medicine Critical Care Lecture Series, University of Tennessee Medical Center, November 25, 2008).

LOCAL PRESENTATIONS: CONTINUED

- 147. Colorectal/Anal Surgery (before South College PA School, November 6, 2009).
- 148. **Surgical Critical Care** (before Department of Medicine Critical Care Lecture Series, University of Tennessee Medical Center, August 24, 2010).
- 149. Colorectal/Anal Surgery (before South College PA School, November 5, 2010).
- 150. **Disaster Medicine** (before Department of Surgery Grand Rounds, University of Tennessee Medical Center, March 30, 2011).
- 151. **Trauma Related Pulmonary Issues in the Prehospital and ED Setting** (before First Annual Pulmonary Conference, University of Tennessee Medical Center, July 21, 2011).
- 152. **Trauma Review 2012** (before Knoxville American Health Information Management Association, Knoxville, Tennessee, September 18, 2012).
- 153. **Course Overview and Initial Assessment**, before ATLS course, UT, October 12, 2012
- 154. Transfer to Definitive Care, before ATLS course, UT, October 13, 2012
- 155. **Colon and Rectum, Surgical Infections**, before PA class, South College, October 26, 2012
- 156. Surgical Missions, before medical explorers, UT, April 25, 2013
- 157. **Disaster Medicine, 2013**, before Department of Surgery Grand Rounds, University of Tennessee Medical Center, October 31, 2013
- 157. **Colon and Rectum, Surgical Infections**, before PA class, South College, October 25, 2013

RESEARCH:

- 1. Pulmonary Physiology and Shock. (ongoing)
- 2. Immune System as It Relates to Surgery. (ongoing)
- 3. Telemedicine in Trauma
- 4. Geriatric Trauma

FUNDING:

1. Received PMERF grant for "Use of Pseudomonas Aeruginosa Protein Subunit Vaccine in Human Trials." Montie, T.C., McCarthy, V.P., Murphy, M.D., and Maull, K.I.: Collaborating Investigator.

2. Received PMERF grant for project entitled, "Evaluation of Response of Tumor Necrosis Factor in Rabbits to Administration of Two Different Types of Bacterial Endotoxin." Crutchfield, H., Karlstad, M., Pohlman, T.: Collaborating Investigator.

3. Received TIIAP (Telecommunications and Information Infrastructure Assistance Program) grant for project entitled "*Trauma Care Through Telemedicine: A Rural*

FUNDING CONTINUED:

Network of Health Services Information in East Tennessee." from the Department of Commerce. Principal Investigator. \$292,957 (federal funds), \$293,047 (matching funds), October 1, 1997-March 31, 1999. Renewed for two additional years—until March 31, 2001. Re-Renewed for an additional year – until March 21, 2002.

4.University of Tennessee: Task Force on Aging: Center for Age-Related Disorders, Nutritional modification of inflammation in arthritis. (\$44,000) 7/00 - 6/01. Co-Investigator.

5. Physician Medical Education Research Foundation. Genistein effects on Tamoxifen inhibition of estrogen receptors in breast cancer. (\$2,500) 1/01/01 - 12/31/01. Co-Investigator.

6.Private Industry: A multicenter, randomized, controlled trial comparing the safety and effectiveness of surfactant in patients with acute respiratory distress syndrome (ARDS). 7/01-6/02 (\$160,000). Co-Investigator.

7.University of Tennessee: Task Force on Aging: Center for Age-Related Disorders, Nutritional modification of inflammation in arthritis. (\$44,000) 7/01 - 6/02. Co-Investigator.

8.ORNL Seed Money Grant. Detection of dynamical change in nonlinear time series physiological data in trauma patients. (\$20,000) 1/02 - 1/03. Co-Investigator.

9.ORNL Seed Money Grant. Pre-Symptomatic Diagnostic Method for Infection by Pathogens. (\$125,000) 7/02 - 7/03. Co-Investigator.

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