

# Distinguished Nevadan Nomination Form

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**Deadline: December 31**

**Please send all nominations to:**

**Dean J. Gould, Chief of Staff & Special Counsel**

**Board of Regents**

**4300 South Maryland Parkway, Las Vegas, NV 89119**

**e-mail: dean\_gould@nshe.nevada.edu**

**Fax: (702) 889-8495**

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**1. Salutation:** Mr. Mrs. Miss Ms. Dr.

**2. Nominee's Name** *(please ensure correct spelling):*

Dr. Jay Coates

**3. Nominee's Mailing Address:**

**4. Nominee's Phone Number: Work:** \_\_\_\_\_ **Home:** \_\_\_\_\_

**5. Employment History** *(attach additional material if necessary):*

See attached CV and bio

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**6. Educational Background** *(attach additional material if necessary):*

See attached CV

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**7. Reasons for Nomination:** *(Please include outstanding accomplishments, achievements, and contributions to Nevada and its people. Please be specific and provide considerable detail. You may attach additional pages if necessary.)*

Dr. Coates, a UNLV graduate is one of the state's leading trauma surgeons. In his 16 years at UMC, he has saved numerous lives, including high profile patients, such as Roy Horn, of Siegfried and Roy, and was on duty to treat victims of 1 October. He was on the faculty of the University of Nevada School of Medicine for fifteen years and moved his practice and teaching to the UNLV School of Medicine in 2016. He currently leads UMC's world-class burn center.

Dr. Coates, a Chaparral High School graduate, is a local boy who made good. He serves our community with pride and distinction and is truly one of the best among us.

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**8. Other NSHE Awards** *(please list other awards this individual has received):* \_\_\_\_\_

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**9. Nominated by Regent:** \_\_\_\_\_

# **J.E. Coates Jr., D.O., FACOS, FACS**



## **BIOGRAPHY**

Dr. Jay Coates, currently serves as Associate Professor of Surgery and Director of the Visiting Resident Program for the recently established UNLV School of Medicine (formerly UNSOM) in addition to being the Medical Director of the Lion's Regional Burn Center at University Medical Center.

Dr. Coates is a longtime resident of Las Vegas and graduate of Chaparral High School and UNLV where he received a Bachelor of Science in Biological Sciences. He attended the University of Osteopathic Medicine and Health Sciences in Des Moines, Iowa, receiving his Doctor of Osteopathic Medicine in 1995. Dr. Coates performed his Surgery residency at Michigan State University, his Trauma Fellowship here in Las Vegas with UNSOM at UMC's Trauma Center, then onto the University of Pennsylvania for a fellowship in Trauma and Critical Care. He is board certified in General Surgery and Surgical Critical Care.

For the past 12 years, Dr. Coates has been an integral team member of the Trauma Department at University Medical Center. He has a wealth of experience with and stories regarding spectacular trauma cases.

Dr. Coates is married with two step sons. His hobbies include scuba diving, visiting salt water aquariums, any and all things music, rock climbing, and most outside activities.

# Curriculum Vitae

## J.E. Coates Jr., D.O., FACOS, FACS

**Title:** Associate Professor of Surgery  
Medical Director Lion's Regional Burn Center  
Director Visiting Resident Program

**Business:**



**Personal Information:**



Married  
Children -Two step sons  
Hobbies: Salt water Aquariums, Any/All music, SCUBA Diving, Rock Climbing, (Anything outside)

**Education:**

Aug. 1991-Jun. 1995	University of Osteopathic Medicine and Health Sciences, Des Moines, IA. Degree Received: Doctor of Osteopathic Medicine
Aug. 1983- Jun. 1990	University of Nevada, Las Vegas, Las Vegas, NV. Degree Received: Bachelor of Science- Biological Sciences Minors: Music, Chemistry
Nov. 1981-May 1983	Chaparral High School, Las Vegas, NV.

**Post Graduate Training:**

July 2001-June 2002: The Trauma Center at Penn  
University of Pennsylvania  
Trauma/Critical Care Fellowship

July 2000-June 2001 University of Nevada School of Medicine  
UMC Trauma Center  
Las Vegas, NV  
Trauma Fellowship

July 1996-June 2000 Michigan State University Affiliated Surgical Residency  
Garden City Osteopathic Hospital  
PGY - 2, 3, 4  
PGY-5 Chief Surgical Resident

July 1995- June 1996 Michigan State University Affiliated Internship  
Garden City Osteopathic Hospital, PGY 1

**Faculty Appointments:**

Associate Professor of Surgery	University of Nevada School of Medicine, Dept. of Surgery July 2002-Present
Vice Chairman	Department of Trauma/Critical Care, University Medical Center, July 2003-2012
Program Director	Trauma/Critical Care Fellowship, University of Nevada School of Medicine, July 2003-2011
Associate Program Director	Acute Care Surgery Fellowship University of Nevada School of Medicine 2007 – 2011 (This Fellowship is the first of its kind in the United States)
Visiting Resident Co-coordinator	University of Nevada School of Medicine July 2003-present
Clinical Instructor of Surgery,	University of Nevada School of Medicine, Department of Surgery July 2000-June 2001
Clinical Associate Professor,	Michigan State University, Department of Surgery July 1996-June 2004

## **Professional Activities:**

ATLS Program Director/Instructor 2002 to Present  
ABA Burn Prevention Committee 2014 to Present  
Oral Examiner, General Surgery Boards, American Osteopathic Board of Surgery, 2008-  
to Present  
Bureau of Examiners Osteopathic Board of Surgery 2008- Present  
Consultant to the American Osteopathic Board of Surgery  
Critical Care Examination 2008 to 2012  
On-Site physician Camp Cartwheel, Nevada Childhood Cancer Foundation, 2010  
Scientific Advisor, Net Scientific Inc. 2008 to Present  
Program Chair Committee, ACOS, 2005-2008  
Ring Side Physician Nevada Athletic Commission, 2008-present  
Building Committee, Clark County Medical Society 2006  
FDM sub-committee, Society of Critical Care Medicine  
Practice Guideline Committee, Stress Ulcer Prophylaxis, EAST 2005  
Advanced Trauma Life Support<sup>®</sup>, Course Director, 2004  
Nevada Department of Transportation, Office of Traffic Safety, 2004  
Board of Trustees Nevada Donor Network, 2003-2010  
Committee for Disaster Preparedness, Society of Critical Care Medicine, 2003-2004  
Medical Education Committee, University Medical Center, 2003-2008  
ABLS Instructor 2012 - present

## **Presentations**

1. MacIntyre AD, Spinale R, **Coates JE**, Kuhls DA, Fildes JJ: Evacuation of venous congestion from traumatic hand-injured patients on warfarin with the use of hirudo medicinalis. Poster Presentation at the 55<sup>th</sup> Annual Meeting of the Southwestern Surgical Congress, April 2003. Included on Top Ten Resident Posters.
2. Persons B, Kuhls DA, MacIntyre AD, Scalea TM, **Coates JE**, Fildes JJ: Abdominal Wall Hernias Following Blunt Trauma. Accepted for presentation at the 56<sup>th</sup> Annual Meeting of the Southwestern Surgical Congress, April 2004.
4. Davis AK, Kuhls DA, Wulff R, Fildes J, MacIntyre A, **Coates JE**, Zamboni WA: Heterotopic Ossification Following Blunt Abdominal Trauma. Poster presentation at the 57<sup>th</sup> Annual Meeting of the Southwestern Surgical Congress, 2005.

5. Kuhls DA, Rathmacher JA, MacIntyre AD, **Coates JE**, Fildes JJ: B-hydroxy-B-methylbutyrate improves nitrogen balance in critically injured adult trauma patients. Accepted for paper presentation, American Association for the Surgery of Trauma, September 2005.
6. MacIntyre AD, **Coates JE**, Kuhls DA, Fildes JJ: Emergent Surgical Airway. Submitted to American College of Surgeons for October 2005 meeting.
7. **Coates J**, Kuhls D, , Barber A, McIntyre K. Spectacular Cases from Residents Panel Discussion. American College of Surgeons Spring Meeting, Las Vegas, 2007
8. Shapiro AM, **Kuhls DA**, Coates JE, MacIntyre D, Fildes JJ: Development of rare post-traumatic post-embolization splenic pseudocyst: etiology and management. Case Presentation at the 55<sup>th</sup> Annual Meeting of the Southwestern Surgical Congress, April 2003
9. Johnson M, Markarian M, McElmeel D, Kuhls D, **Coates J**, Fildes J. A Retained Cardiac Missile without Motion Artifact: the Case of the Non-blurry Bullet. Poster Presentation, University of Nevada School of Medicine Las Vegas Campus Resident Research Symposium, 2007
10. Complex Wound Management Utilizing a Hyaluronic Acid based Biological Matrix with Silicone Backing. 38<sup>th</sup> Annual John A Boswick Symposium, February 2016
- 11.

#### **Abstracts/Articles/Research:**

1. Hypopituitarism after moderate and severe head injury. Multi-site study funded by NIH Grant #R01 NS 40777. Principal Investigator Daniel F. Kelly, MD at UCLA. Principal investigator at UNSOM Jay Coates, DO, 2005-6, \$60,000
2. Kuhls DA, Rathmacher JA, Musngi MD, Frisch D, Barber A, MacIntyre AD, **Coates JE**, Browder TD, Eubanks P, Fildes JJ. B-hydroxy-B-methylbutyrate improves nitrogen balance in critically injured adult trauma patients. *J Trauma* 59(2): 522, 2005.
3. Smith J, Kuhls DA, Browder L, Larson J, Frisch D, Greenberg A, Leslie V, Ayoub A, MacIntyre A, **Coates JE**, Fildes J. Six years of antibiotic rotation (AR) and de-escalation (DE) for pneumonia in a trauma intensive care unit (TICU): lessons learned and implications. *Critical Care Medicine* 33(12)S: 189T, 2005.
4. Shapiro AM, Kuhls DA, **Coates JE**, MacIntyre AD, Fildes JJ: Development of rare post-traumatic post-embolization splenic pseudocyst: etiology and management. Proceedings of the 55<sup>th</sup> Annual Meeting of The Southwestern Surgical Congress, 2003.
5. Casey MJ, Kuhls DA, **Coates JE**, MacIntyre AD, Fildes JJ: Continuous rotation of trauma patients with adult respiratory distress syndrome (ARDS): Results of a case series. *Critical Care Medicine*, December 2003, 31(12):A97.
6. Shapiro AM, Kuhls DA, **Coates JE**, MacIntyre D, Fildes JJ: Development of rare post-traumatic post-embolization splenic pseudocyst: etiology and management. Proceedings of the 55<sup>th</sup> Annual Meeting of The Southwestern Surgical Congress, 2003.

7. Casey MJ, Kuhls DA, **Coates JE**, MacIntyre AD, Fildes JJ: Continuous rotation of trauma patients with adult respiratory distress syndrome (ARDS): Results of a case series. *Critical Care Medicine*, December 2003, 31(12):A97.
8. Davis AK, Kuhls DA, Wulff R, Fildes JJ, MacIntyre AD, **Coates JE**, Zamboni WA: Heterotopic ossification following blunt abdominal trauma. Proceedings of the 57<sup>th</sup> Annual Meeting of The Southwestern Surgical Congress, 2005.
9. "Limitations of Computer Order Entry Systems in Intensive Care Medicine", presented 11/2001 PACOT (Pennsylvania Committee on Trauma)
10. "Esophageal Doppler vs. PA Catheter in Resuscitation of Critical Ill", publication pending

### **Original Reports**

1. Kuhls DA, Rathmacher JA, Musngi MD, Frisch D, Barber A, MacIntyre AD, Coates JE, Browder TD, Eubanks P, Fildes JJ. B-hydroxy-B-methylbutyrate improves nitrogen balance in critically injured adult trauma patients. *J Trauma* 59(2): 522, 2005.
2. Smith J, Kuhls DA, Browder L, Larson J, Frisch D, Greenberg A, Leslie V, Ayoub A, MacIntyre A, Coates J, Fildes J. Six years of antibiotic rotation (AR) and de-escalation (DE) for pneumonia in a trauma intensive care unit (TICU): lessons learned and implications. *Critical Care Medicine* 33(12)S: 189T, 2005.
3. Nielson J, Kuhls DA, Shapiro AM, **Coates J**, MacIntyre AD, Fildes J: Development of rare post-traumatic, post-embolization splenic pseudocyst: Etiology and management. Paper in progress.

### **FUNDED CLINICAL STUDIES**

#### **Principal Investigator**

1. Prospective Study on efficacy of oral contrast in abdominal CT Scans of Adult Trauma Patients, 2002-3.
2. Adjuvant nutrition for critically ill trauma patients. Grant from Metabolic Technologies, Inc. with subsidiary NIH funding. Prospective, randomized, blinded study to evaluate immune-enhanced additives to standard tube feedings and the impact on infection, inflammation and outcome variables, 2002-4.
3. Phase II Study entitled Comparative Pharmacokinetic and Pharmacodynamic Study of Epoetin Alfa (Procrit) in Anemic Critically Ill Patients Randomized to One of Six Dose Regimens for 15 Days. June 1, 2004 to May 31, 2004.



Invited Lectures:

Topic: Ventilatory Strategies in Complex Patients  
Location: Annual Clinic Assembly of Osteopathic Surgeons Oct. 2012

Topic: Endpoints of Resuscitation  
Location: Annual Clinic Assembly of Osteopathic Surgeons Oct. 2012

Topic: Efficacy of Progressive Abdominal Closure  
Location: 5TH INTERNATIONAL HERNIA CONGRESS March 2012

Topic: Progressive Abdominal Closures  
Location: Fifth World Congress on the  
Abdominal Compartment Syndrome 8/2011

Topic: Crush Injuries, Natural Disaster and Mass Casualty  
Location: FDM course @ SCCM ,meeting Feb. 2007

Topic: DVT prophylaxis in the Abdominal Surgical Patient  
Location: University of Utah, Salt Lake City  
Sanofi Aventis sponsored program

Topic: Difficult Abdominal Closures  
Annual Clinical Assembly of Osteopathic Specialists, New Orleans, La.,  
September, 2006  
In Depth Review Conference, ACOS, Scottsdale, AZ., Jan. 2005

Topic: New Ventilator Strategies  
Location: In Depth Review Conference, ACOS, Scottsdale, AZ., Jan. 2005

Topic: *Pantera tigris* induced cervical vascular trauma in humans: a case study  
Location: University of Pennsylvania, June 2005

Topic: Difficult Abdominal Closure  
Location: Michigan State University, May 2005

Topic: Biological Weapons and Warfare  
Location: University of Pennsylvania 6/2002

Topic: Percutaneous Tracheostomy  
Location: Michigan State University Educational Center 8/22/2001 Troy, MI.

Topic: Abdominal Compartment Syndrome  
Location: Michigan State University Educational Center 8/22/2001 Troy, MI

Topic: Pediatric Trauma  
Location: UMC Trauma Center October, 2000 Las Vegas, NV.

Topic: Blunt and Penetrating Thoracic Trauma  
Location: UMC Trauma Center August 1999 Las Vegas, NV

Topic: Penetrating Abdominal Trauma  
Location: Garden City Osteopathic, February 1999

Topic: Abdominal Trauma in the Gestational Patient  
Location: Garden City Osteopathic October 1999

Topic: Recurrent Pancreatic Pseudocyst  
Location: Garden City Osteopathic April 1997

Topic: Early Detection of Colon Cancer  
Location: "Health Quest" locally produced public television series, taped originally 11/14/96

**Board Certification:** General Surgery Certificate # 1871  
CAQ Surgical Critical Care # 1871

**Licenses:**

NV- Certificate 981, Issued August 2000  
PA

**Memberships/Awards:**

Bronze Medal from The Sons of The American Revolution  
Fellow of The American Osteopathic College of Surgeons  
EAST (Eastern Association for the Surgery of Trauma)  
American College of Osteopathic Surgeons  
Michigan Osteopathic Medical Association  
Wayne County Osteopathic Association  
American Osteopathic Association  
American Medical Association  
South West Surgical Congress  
Shock Society  
SCCM (Society of Critical Care Medicine)  
Pennsylvania Medical Society  
Tau Kappa Epsilon Fraternity

**Professional History:**

Surgical Assistant, Addison Community Hospital  
Dates: April 1999- July 2000  
Position: Surgical Assistant at Bariatric Surgical Center  
Location: Addison Community Hospital

421 North Steer Street  
Addison, Michigan 49220  
Director: Bob Brown

E.R. Physician Coverage, Madison Community Hospital  
Dates: November 1997- July 2000

Position Emergency Room Physician  
Location Madison Community Hospital  
30671 Stephenson Highway  
Madison Heights, Michigan 48071  
Coordinator: Thomas Pinson, D.O.

General Surgery Residency  
Dates: July 1996-July 2000  
Chief Resident July 1999-July 2000  
Location: Garden City Osteopathic Hospital  
6245 North Inkster  
Garden City, Michigan 48135  
Director: R.C. Spinal, D.O., FACOS