

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2.
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Jeffrey A. Claridge, MD	POSITION TITLE Assistant Professor, Department of Surgery, Case Western Reserve University
eRA COMMONS USER NAME	

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)*

INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Rochester Institute of Technology	BS	1988-1992	Biology
University of Rochester	MD	1992-1996	Medicine
University of Virginia		1996-2003	General Surgery Residency
University of Tennessee at Memphis		2003-2004	Trauma/Critical Care Fellowship
Case Western Reserve University School of Medicine	M.S.	2005 - 2008	Clinical Outcomes

A. Positions and Honors.

POSITIONS AND EMPLOYMENT:

- 2005–Pres. Assistant Professor, General Surgery, Trauma, Surgical Critical Care, Director of Research, Division of Trauma and Critical Care, MetroHealth Medical Center, CWRU School of Medicine, Cleveland, Ohio
- 2004–2005 Clinical Instructor, Trauma/Critical Care/General Surgery, Department of Surgery; UT Memphis, TN
- 1993–1994 Clinical Research Assistant, University of Rochester Emergency Department, Rochester, NY
- 1993-1994 Clinical Lecturer/Lab Instructor in Gross Anatomy, University of Rochester, NY
- 1991–1993 Emergency Department Technician, Park Ridge Hospital, Rochester, NY
- 1991–1992 Clinical Instructor, Human Physiology and Anatomy, Rochester Institute of Technology, Rochester, NY
- 1991 NYS Certified Nursing Assistant, Park Ridge Hospital, Rochester NY
- 1990–1991 Laboratory Research Assistant, Neurobiology and Anatomy Department, University of Rochester
- 1990–1992 Teacher's Assistant, Courses in Physiology and Anatomy, Histology, and Gross Anatomy Rochester Institute of Technology, Rochester, NY

AWARDS AND HONORS

- 2009 Leadership Development Workshop Scholarship Recipient from EAST (Eastern Association for the Surgery of Trauma)
- 2008 Senior/Mentoring Author on winning national clinical paper for the ACS - Committee on Trauma Resident Paper Competition 2007-2008, this also one the state (Ohio) and regional award (region 5) - Validation of SIC-IR: A Modern Medical Informatics System For Intensive Care Unit Research, Quality of Care Improvement, and Daily Patient Care. The Journal of the American College of Surgeons
- 2007 Best new member paper at the 2007 Surgical Infection Society meeting
- 2007 Senior/Mentoring Author on winning clinical paper at the regional (region 5) and state (Ohio) level, for the ACS - Committee on Trauma Resident Paper Competition 2006-2007 - Isolated cervical spine fractures in the elderly: a deadly injury.
- 2007 Faculty Award from the Surgical Infection Society
- 2003 University of Virginia Deans Teaching Award: One of 10 awards given by the Medical School to Residents
- 2004 University of Virginia- University Wide Post Graduate Teaching Award. Given to one Resident from the University of Virginia for Teaching

- 2003 Chief Resident Award (Skip Warren Award) Award given by Staff and Junior Residents to the chief resident most dedicated to teaching
- 2002 Emergency Room Consultant of the Year, Annual Award given by the Emergency Department to a consultant of any field
- 2000/1 First Place: Basic Science, Committee on Trauma Resident Paper Competition 2000-2001 Region III and State of Virginia Winner
- 1999-2000 First Place Basic Science Committee on Trauma Resident Paper Competition 1999-2000; Region III and State of Virginia Winner
- Medical School Alpha Omega Alpha; Honors in all third year clinical rotations; Recipient of Monroe County Academy of Medicine Scholarship
- Undergraduate David M. Baldwin Memorial Scholarship: awarded to the Outstanding Student of Science; Biology Department Honors Student; Dean's List Student; Golden Key National Honor Society/Officer; Most Valuable Resident Advisor

OTHER EXPERIENCE, PROFESSIONAL MEMBERSHIPS, AND FEDERAL ADVISORY COMMITTEES

Eastern Association for the Surgery of Trauma (since Jan 2006)

American Medical Informatics Society (since June 2007)

Surgical Infection Society (Member since Jan 2006)

On the Scientific Committee

Society of Critical Care Medicine (Since Sept 2003)

American College of Surgeons (full membership Fall (2006))

Southeastern Surgical Congress (Member since July 2000)

Association of Surgical Educators (ASE) – (member-2002)

Alpha Omega Alpha (Member since 1995)

Cleveland Surgical Society

Association for Academic Surgery – (Since – January 2008)

B. Selected peer-reviewed publications (in reverse chronological order).

1. Golob JF, Fadlalla AM, Kan JA, Patel NP, Yowler CJ, **Claridge JA**. Validation of SIC-IR: A Modern Medical Informatics System For Intensive Care Unit Research, Quality of Care Improvement, and Daily Patient Care. *The Journal of the American College of Surgeons*. 2008 Aug;207(2):164-73.
2. Golob JF, **Claridge JA**, Fadlalla MA, Sando MJ, Phipps WR, Yowler CJ, Malangoni MA. Fever and leukocytosis in critically ill trauma patients: It's not the urine. *Surgical infections*. 2008 Feb;9(1):49-56.
3. Golob JF, Sando MJ, Kan JC, Yowler CJ, Malangoni MA, **Claridge JA**. Therapeutic Anticoagulation in Trauma Patients: Is it safe? *Surgery*. 2008 Oct;144(4):591-6; discussion 596-7.
4. Golob JF, **Claridge JA**, Yowler CJ, Como JJ, Peerless JR. Isolated cervical spine fractures in the elderly: a deadly injury. *Journal of Trauma: Injury, Infection and Critical Care*, 2008 February; 64(2): 511-515.
5. Lipman JM, **Claridge JA**, Haridas M, Martin MD, Yao DC, Grimes KL, MA Malangoni. Preoperative Factors Predicting Conversion from Laparoscopic to Open. *Surgery*. 2007 Oct;142(4):556-63; discussion 563-5.
6. Edwards NM, Fabian TC, **Claridge JA**, Timmons SD, Fischer PE, Croce MA. Antithrombotic therapy and endovascular stents are effective treatment for blunt carotid injuries: results from longterm followup. *J Am Coll Surg*. 2007 May;204(5):1007-13. Epub 2007 Mar 27.
7. **Claridge JA**, Edwards NM, Swanson JM, Fabian TC, Wood GC, and Croce Martin. Aerosolized ceftazidime prophylaxis against ventilator-associated pneumonia in high risk trauma patients: The results of a double-blinded randomized study. *Surgical Infections Surg Infect (Larchmt)*. 2007 Feb;8(1):83-90.
8. Edwards NM, **Claridge JA**, Shell, IV DH, Handorf CR, Croce MA, Fabian TC. The effect of bacterial contamination on neointimal hyperplasia in vascular grafts. *Am Surg*. 2006 Dec;72(12):1168-74; discussion 1174-5.
9. Weinberg JA, Magnotti LJ, Edwards NM, **Claridge JA**, Minard G, Fabian TC, Croce MA. "Awake" laparoscopy for the evaluation of equivocal penetrating abdominal wounds. *Injury*. 2007 Jan;38(1):60-4. Epub 2006 Nov 28.

10. Rajani RR, **Claridge JA**, Yowler CJ, Patrick P, Wiant A, Summers JI, McDonald AA, Como JJ, Malangoni MA. Improved outcome of adult blunt splenic injury: a cohort analysis. *Surgery*. 2006 Oct; 140(4):625-31; discussion 631-2.
11. Croce MA, Swanson JM, Magnotti LJ, **Claridge JA**, Weinberg JA, Wood GC, Boucher BA, Fabian TC. The futility of the clinical pulmonary infection score in trauma patients. *J Trauma*. 2006 Mar;60(3):523-7; discussion 527-8.
12. Weinberg JA, Fabian TC, Magnotti LJ, Minard G, Bee TK, Edwards, NM, **Claridge JA**, Croce MA. Penetrating Rectal Trauma: Management by Anatomic Distinction Improves Outcome. *J Trauma*. 2006 Mar;60(3):508-13; discussion 513-14.
13. Schulman AS, Willcutts KF, **Claridge JA**, O'donnell KB, Radigan AE, Evans HL, McElearney ST, Hedrick TL, Lawson SM, Schirmer BD, Young JS, Sawyer RG. Does enteral glutamine supplementation decrease infectious morbidity? *Surg Infect (Larchmt)*. 2006 Spring;7(1):29-35.
14. **Claridge JA**, Croce MA, Weinberg JA, Forsythe RM, Miller CM, and Fabian TC. The real predictors of disposition in patients with spinal cord injury. *J Trauma*. 2006 Jan;60(1):178-86.
15. Schulman AS, Willcutts KF, **Claridge JA**, Evans HL, Radigan AE, O'Donnell KB, Camden JR, Chong TW, McElearney ST, Smith RL, Gazoni LM, Farinholt HM, Heuser CC, Lawson SM, Schirmer BD, Young JS, Sawyer RG. Does the Addition of Glutamine to Enteral Feeds Affect Patient Mortality? *Crit Care Med*. 2005 Nov;33(11):2501-6.
16. Croce MA, Tolley EA, **Claridge JA**, Fabian TC. Transfusions result in pulmonary morbidity and death after a moderate degree of injury. *Journal of Trauma-Injury Infection & Critical Care*. 59(1):19-23, 2005 Jul.
17. **Claridge JA** and Fabian TC. *A history and development of evidence based medicine*. *World Journal of Surgery*. 29:547-53 Apr 14, 2005.
18. Garwood RA, Sawyer MD, Ledesma EJ MD, Foley E, and **Claridge JA**. A case and review of bowel perforation secondary to metastatic lung cancer. *American Surgeon*. February 2005.
19. Schulman AM, **Claridge JA**, Carr G, Diesen DL and Young JS. Predictors of patients who will develop prolonged occult hypoperfusion following blunt trauma. *J Trauma*. 57(4): 795-800, 2004 Oct.
20. Hughes MG, Evans HL, Lightfoot L, Chong TW, Smith RL, Raymond DP, Pelletier SJ, **Claridge JA**, Pruett TL and Sawyer RG. Does prior transfusion worsen outcomes from infection in surgical patients. *Surg Infect*. 4(4):335-343, Winter 2003.
21. Schulman AM, **Claridge JA**, Ghezel-Ayagh A, Johnson O 3rd, Young JS. Differential local and systemic tumor necrosis factor-alpha responses to a second hit of lipopolysaccharide after hemorrhagic shock. *J Trauma*. 55(2):298-307, 2003 Aug.
22. **Claridge JA**, Calland JF, Chandrasekhara V, Young SJ, Schirmer BD and Sanfey H. A novel approach to evaluating surgical educators: Comparing resident measurements to attending self perceptions. *American Journal of Surgery*. 185 (4):323-7, 2003 Apr.
23. Schulman AM, **Claridge JA**, Young JS. Young versus old: factors affecting mortality after blunt traumatic injury. *Am Surg*. 68(11):942-7; discussion 947-8; 2002 Nov.
24. **Claridge JA**, Sawyer RG, Schulman AM, McLemore EC, and Young JS. Blood transfusions correlate with infections in trauma patients in a dose-dependent manner. *American Surgeon*. 68(7):566-72, 2002 Jul.
25. **Claridge JA**, Schulman AM, and Young JS. Improved resuscitation minimizes acute lung injury and blunts IL-6 and NF-KB activation. *Critical Care Medicine*; 30(8):1815-9; 2002 Aug.
26. Thayer WP, **Claridge JA**, Pelletier SJ, Oh CK, Sanfey H, Sawyer RG, and Pruett TL. Portal Vein Reconstruction in Right Lobe Living Donor Transplantations. *Journal of the American College of Surgeons* ; 194(1):96-8, 2002 Jan.
27. **Claridge JA**, Schulman AM, Sawyer RG, Ghezel-Ayagh, G, Schulman AM, and Young JS. The July Phenomenon and The Care of the Severely Injured Patient: Fact or Fiction. *Surgery* 130(2):346-53, August 2001.
28. **Claridge JA**, Weed AC, Enelow RI, and Young JS. Laparotomy potentiates cytokine release and impairs pulmonary function after hemorrhage and resuscitation in mice. *Journal of Trauma*. 50(2):244-52, February 2001.
29. **Claridge JA** and Young JS. A successful multimodality strategy for management of liver injuries. *American Surgeon*. 66(10):920-6, October 2000.

30. **Claridge JA**, Enelow RI, and Young JS. Isolated hemorrhage and resuscitation induce delayed inflammation and pulmonary dysfunction in mice. *Journal of Surgical Research*. 92(2):206-13, August 2000.
31. Crowl AC, Young JS, Kahler DM, **Claridge JA**, Charsanowski DS, and Pomphry M. Occult Hypoperfusion is associated with increased morbidity in patients undergoing early femur fracture fixation. *Journal of Trauma*. 48(2):260-267, February 2000.
32. **Claridge JA**, Crabtree TD, Pelletier SJ, Butler K, Sawyer RG, and Young JS. Persistent occult hypoperfusion is associated with a significant increase in infection rate and mortality in major trauma patients. *Journal of Trauma*. 48(1):8-15, January 2000.
33. Blow O, Magliore L, **Claridge JA**, Butler K, and Young JS. The golden hour and the silver day: Detection and correction of occult hypoperfusion within twenty four hours improves outcome from major trauma. *Journal of Trauma*, 47:964-969, November 1999.
34. **Claridge JA**, VanderPas SM, Enelow RI, Ley K, and Young JS. Prior hemorrhage and resuscitation does not exacerbate lipopolysaccharide-induced acute lung injury. *Surgical Forum Vol L:138-140*, 1999.

C. Research Support.

Ongoing Research Support

HD049091 Rudick (PI)

July 2005 – July 2010

National Center for Research Resources (NCRR), a component of the National Institutes of Health (NIH), and NIH Roadmap for Medical Research

Multidisciplinary Clinical Research Career Development Programs Grant 1KL2RR024990

Overall projects/goals: My overall projects/goals have been three fold:

1. Obtain formal research training and I have received my Master's of Clinical Investigation from Case Western Reserve University.
2. Develop and Implement a Medical Informatics System (SIC-IR) to assist with the efficiency of rounding in the surgical and trauma intensive care unit, with the specific focus of creating a registry to improve the diagnosis and treatment of nosocomial infections.
3. Develop a system to improve and measure long term outcomes after trauma.

Role: KL2 scholar and PI on my own projects with support under the overall training grant that has guaranteed 50% protected time.

Completed Research Support

Claridge (PI) July, 2007 – July 2008

Surgical Infection Society

Junior Faculty Award

Overall goals: To validate our medical informatics system (SIC-IR) in caring for critically ill surgical and trauma patients utilizing the model proposed by and McLean Model of Information Systems Success as a framework,

Role: Principal Investigator