**CURRICULUM VITAE**



# **Patrick Greiffenstein, MD**

**Current Title:** Assistant Professor of Surgery

 Student Clerkship Co-Director

 Department of Surgery

 LSU Health Sciences Center, New Orleans, LA

 Our Lady of the Lake, Baton Rouge, LA

**Business Address:** Department of Surgery

 LSU Health Sciences Center

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**Education:**

 **Undergraduate:** Florida Atlantic University

 Bachelor of Arts Degree in Anthropology, 1996

 **Graduate/Medical:** St. George’s University, Grenada, West Indies

MD conferred in May of 2003

 **Internship:** Internship in General Surgery

LSU Health Sciences Center, New Orleans

 July 1st, 2003 to 2010

 **Residency:** Resident in General Surgery

 LSU Health Sciences Center, New Orleans

 July 1st, 2003 to 2010

 **Post-Doctoral Fellowships:** Research Fellow

 Alcohol Research training Grant

 (NIAAA #AA-07577)

 July1st, 2005 to June 31st, 2007

*Main Focus of laboratory research:* Hemorrhagic shock in a rodent model and the effects of acute alcohol intoxication on survival and immune competence after resuscitation.

*Mentor:* Dr. Patricia Molina, MD, PhD. Chairperson, Department of Physiology, Louisiana State University Health Sciences Center, New Orleans, LA.

 **Clinical Fellowships:** Fellow in Surgical Critical Care

 LSU Health Sciences Center, New Orleans

 July 1st, 2011- Present

 **Other:**

**Advanced Trauma Life Support (ATLS) Instructor, State Faculty for Louisiana**

 Certified to train physicians in ATLS, an American College of Surgeons course for emergency care providers (2005-present). As state faculty I am more involved in training programs across the state, the accreditation of ATLS providers, instructors, and course directors. As such I have been a part of unique programs such as ***ATLS On The Road***, bringing ATLS to rural communities and training local physicians and caregivers and ***PHTLS/ATLS*** during which we help train senior paramedic students in the principles of ATLS using real-time scenarios.

**Co-Chairman of the Membership Committee, *The Shock Society***

(2009-2010)

**Resident Liaison for LSU, *RAS-ACS*** (2006-2010)

 Resident liaison for the Resident & Associate Society of the American College of Surgeons

**Resident Representative for the Graduate Medical Education Committee** Appointed to represent the department of surgery on the GMEC

(2005-2007)

**Certification:** American Board of Surgery

 Qualifying Exam Aug 2010- Passed

 Certifying Exam Oct 2013- Certified

**Licensure:** Louisiana, MD.202367, Valid through 1-31-14

**Academic, Professional, and Research Appointments:**

2003-2010 Resident in General Surgery, LSUHSC , New Orleans

2005-2007Research Fellow, Alcohol Research training Grant (NIAAA #AA-07577)

2009-2010 Administrative Chief Resident, LSUHSC Dept of Surgery

2010-2011Staff Surgeon, Winn Parish Medical Center, Winnfield, LA

2011-2012 Fellow in Surgical Critical Care at LSU Health Sciences Center,

 New Orleans

2012-Present Assistant Professor of Clinical Surgery, LSU Health Sciences Center, New Orleans

2012-Present Trauma/Acute Care Surgeon, Our Lady of the Lake Regional Medical Center, Baton Rouge, LA

2012-Present Student Clerkship Director, LSUHSC School of Medicine,

 Department of Surgery

**Membership in Professional Organizations:**

2005-Present The Shock Society, Member

2010-2011 The Shock Society, Membership Committee, Co-Chairman

2011-Present Society of Critical Care Medicine (SCCM), member

2003-2012 American College of Surgeons, Resident/Associate Society

2012-Present American College of Surgeons, Associate Member

**Awards and Honors:**

 **2010- Administrative Chief Resident,** *LSUHSC Department of Surgery*

Elected for 2009-2010 academic year

**2010- Alpha Omega Alpha Medical Honors Society (LSU Chapter)**

Selected by the LSU Chapter for induction as a resident

**2008 & 2010 Aesculapian Society Excellence in Teaching Award**

*Best Resident Teacher, as selected by student members of the Aesculapian Society, LSU School of Medicine*

**2008- Douglas Leonovicz Vascular Surgery Award**

*Awarded to the third year resident who most excels in vascular surgery*

**2005- The Powell Award**

 Awarded by the *Rives Surgical Society of New Orleans* to one LSU Surgery resident for his/her contributions to the department

**2009- Trauma Paper Winner, 17th Annual Louisiana Chapter of the American College of Surgeons*.*** Presented: “*Damage Control Laparotomy: Making Sense out of Nonsense*” ***Ritz-Carlton Hotel, New Orleans, LA. Jan. 18th, 2009.***

**2011- Trauma Paper Winner, 19th Annual Louisiana Chapter of the American College of Surgeons.** Presented “*Implementation of a Comprehensive Unit-based Safety Program (CUSP) and its effects on Catheter-related Infections in a Trauma Intensive Care Unit*.” ***Ritz-Carlton Hotel, New Orleans, LA. Jan, 2011***.

**1999- Graham Belz Scholarhip**

 Merit scholarship for St. George’s University based on personal qualities and academic standing

**Teaching Awards:**

**2008 & 2010 Aesculapian Society Excellence in Teaching Award**

*Best Resident Teacher, as selected by student members of the Aesculapian Society, LSU School of Medicine*

**Journal Publications:**

**Refereed**

1. **Greiffenstein P**, Molina PE. Alcohol-induced alterations on host defense after traumatic injury. J Trauma. 2008 Jan;64(1):230-40. Review.

2. [**Greiffenstein P**](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Greiffenstein%20P%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract), [Mathis KW](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Mathis%20KW%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract), [Stouwe CV](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Stouwe%20CV%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract), [Molina PE](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Molina%20PE%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract). Alcohol binge before trauma/hemorrhage impairs integrity of host defense mechanisms during recovery. Alcohol Clin Exp Res. 2007 Apr;31(4):704-15.

3. Duchesne JC, Barbeau JM, Islam TM, Wahl G, **Greiffenstein P**, McSwain NE Jr. **Damage control resuscitation: From the emergency department to the operating room**. *Am Surg*. 2011 Feb;77(2):201-6.

4. Duchesne JC, McSwain NE Jr, Cotton BA, Hunt JP, Dellavolpe J, Lafaro K, Marr AB, Gonzalez EA, Phelan HA, Bilski T, **Greiffenstein P**, Barbeau JM, Rennie KV, Baker CC, Brohi K, Jenkins DH, Rotondo M. **Damage control resuscitation: The new face of damage control.** *J Trauma*. 2010 Oct;69(4):976-90. Review.

5. Duchesne JC, Islam TM, Stuke L, Timmer JR, Barbeau JM, Marr AB, Hunt JP, Dellavolpe JD, Wahl G, **Greiffenstein P**, Steeb GE, McGinness C, Baker CC, McSwain NE Jr. **Hemostatic resuscitation during surgery improves survival in patients with traumatic-induced coagulopathy.** *J Trauma*. 2009 Jul;67(1):33-7; discussion 37-9.

6. Phelan HA, Velmahos GC, Jurkovich GJ, Friese RS, Minei JP, Menaker JA, Philp A, Evans HL, Gunn ML, Eastman AL, Rowell SE, Allison CE, Barbosa RL, Norwood SH, Tabbara M, Dente CJ, Carrick MM, Wall MJ, Feeney J, O'Neill PJ, Srinivas G, Brown CV, Reifsnyder AC, Hassan MO, Albert S, Pascual JL, Strong M, Moore FO, Spain DA, Purtill MA, Edwards B, Strauss J, Durham RM, Duchesne JC, **Greiffenstein P**, Cothren CC. **An evaluation of multidetector computed tomography in detecting pancreatic injury: results of a multicenter AAST study.** J Trauma. 2009 Mar;66(3):641-6; discussion 646-7.

 **Non-refereed**

1. Greiffenstein P and O’Leary JP. **Eakins’ Clinics: Snapshots of surgery on the threshold to modernity**. Arch Surg. 2008;143(11):1121-1125.
2. Greiffenstein P. **Dying with your patient: A Shaman’s message to a medical student.** E-publication magazine ***The World and I***. www.worldandi.com/global-culture/g\_search\_esl.asp?feature=Crossroads&country=United%
3. Chehardy P, Clanton J, **Greiffenstein P**, McSwain NE, Duchesne JC. **Advanced Trauma Life Support and Prehospital Trauma Life Support: On the Road.**  American College of Surgeons- Bulletin. 2009 Mar; 22-27.
4. Arango D, **Greiffenstein P**, O’Leary JP. **Selected anatomists: at the boundary of contemporary ethics**. *JAMA Surg*. 2013 Jan 1;148(1):94-8
5. **Greiffenstein P. Conscientious Carnivore: Eating sustainably-farmed meat in the era of industrialized agriculture**. *Country Roads Magazine*. 2013 Jan 1; 48-51

**Books:**

**Book Chapters:**

1. **Greiffenstein P** and O’Leary JP. **Recognizing ones limitations**. *In* Professionalism and Ethics in Surgical Practice. Eldo Frezza, ed. 2008.

**Videos, Electronic Media, and Multimedia:**

**Published Abstracts/Presentations:**

1. Molina PE, [Mathis KW](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Mathis%20KW%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract), [Stouwe CV](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Stouwe%20CV%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract), **Greiffenstein P.** *Contribution of soft-tissue trauma to the pro-inflammatory response following trauma-hemorrhage*. Abstract. Shock Society Annual Conference on Shock, Broomfield, CO. June 2006
2. EL Murdoch; **P Greiffenstein**; CR Gomez; V Nomellini; L Ramirez; MO Morgan; EJ Kovacs. *Pulmonary Inflammatory responses after ethanol exposure and burn injury*. Abstract. Shock Society Annual Conference on Shock, Broomfield, CO. June 2006
3. [**Greiffenstein P**](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Greiffenstein%20P%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract), [Mathis KW](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Mathis%20KW%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract), [Stouwe CV](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Stouwe%20CV%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract), [Molina PE](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Molina%20PE%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract). *Alcohol-binge prior to trauma-hemorrhage impairs LPS-induced peripheral blood mononuclear cell inflammatory response*. Abstract. Alcohol and Injury Research Interest Group (AIRIG), satellite meeting of the Research Society on Alcoholism. Maywood, IL November 2006.
4. **Greiffenstein P**, C Vande Stouwe, P Zhang, PE Molina. *Time-dependent, divergent, and compartment-specific effects of binge alcohol and trauma-hemorrhage on immune responsiveness during the post-injury recovery period.* Abstract. Shock Society Annual Conference on Shock, Baltimore, MD June 2007.
5. **Greiffenstein P**, Stouwe CV, Molina PE. *Alcohol-induced immune dysregulation during recovery from trauma-hemorrhage*. Abstract and Oral Presentation. Research Society on Alcoholism annual meeting. Chicago, IL. July 2007.
6. **Greiffenstein P**, Sulzer J, Molina PE. Host *Immune Dyshomeostasis Due to Alcohol and Trauma Hemorrhage Persists Throughout The Late Recovery Period*. Shock Society Annual Conference on Shock, Miami Beach, FL. June, 2012.