

CURRICULUM VITAE

CHRISSY GUIDRY, DO, FACS

Business address

Division of Trauma & Acute Critical Care

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Birthplace

Thibodaux, Louisiana

Education

Des Moines University - Doctor of Osteopathy, 2009; Des Moines, Iowa

Tulane University - Master of Science, 2005; New Orleans, Louisiana

Louisiana State University – Bachelor of Science, Biological Engineering, 2004: Baton Rouge, Louisiana

Post Graduate Training

SURGICAL CRITICAL CARE FELLOW — 2015 - 2016

Los Angeles County + University Southern California; Los Angeles, California

GENERAL SURGERY RESIDENT - 2009 - 2015

Cleveland Clinic Akron General; Akron, Ohio

TRAUMA RESEARCH FELLOW — 2011 - 2012

Tulane University, New Orleans, Louisiana

Clinical Appointments & Work Experience

ASSISTANT PROFESSOR OF SURGERY – 2017 - present

Tulane School of Medicine, Department of Surgery, Trauma & Critical Care

CLINICAL INSTRUCTOR, TRAUMA AND ACUTE CARE SURGERY — 2016 -2017

Keck School of Medicine University of Southern California; Los Angeles, California

TEACHING ASSISTANT - 2005 - 2007

Des Moines University; Des Moines, Iowa

MEDICAL ASSISTANT - 2004 - 2005

New Orleans Disability Clinic; Kenner, Louisiana

CLINICAL INFORMATION MANAGER 2002 - 2004

Our Lady of the Lake Regional Medical Center; Baton Rouge, Louisiana

Medical Licensure

Osteopathic Medical Board of California (inactive)

Louisiana Medical Examiners: expiration 02/28/2020

DEA Registration: expiration 09/30/2021

Louisiana Board of Pharmacy: expiration 05/17/2020

Board Certifications

American Board of Surgery – General Surgery; Certificate #062579; expiration 12/2027

American Board of Surgery – Surgical Critical Care; Certificate #003981; expiration 2/2027

Educational Certifications

Fundamentals of Critical Care Medicine, Certified Instructor

Basic Life Support (BLS), Provider Certification

Advanced Cardiovascular Life Support (ACLS), Provider Certification

Advanced Trauma Life Support (ATLS), Provider Certification; Course Director & Instructor
Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) Fundamentals of Laparoscopic Surgery (FLS), Certification

Medical Memberships & Committees

American College of Surgeons (ACS); Fellow (2019 – present)
American Association for the Surgery of Trauma (AAST); Associate Member (2019 – present)
American Association for the Surgery of Trauma (AAST); Education Committee Member (2019-2020)
Eastern Association for the Surgery of Trauma (EAST) Mentoring Committee (2019 – present)
Association for Surgical Education (ASE); Member (2019 – present)
Society of Critical Care Medicine (SCCM); Member (2019 – present)
Association of Program Directors in Surgery (APDS); Member (2019 – present)
Espirit de Corps Leader; Tulane University Department of Surgery (2019 – present)
Tulane University Clinical Competency Committee, General Surgery; Chair (2019 – present)
Tulane Surgical Society; Member (2018 – present)
Society of Women in Medical Education and Research; Member (2018 – present)
Tulane University School of Medicine Wellness Committee; Co-Chair & Member (2018 – present)
Tulane Medical Center Operating Room Project Improvement Committee; Member (2018 – present)
Be Well Spirit of UMCNO Committee; Member (2018 – present)
Analgesic Management Stewardship Committee; Member (2018 – present)
Association for Academic Surgery (AAS); Member (2018 – present)
University Medical Center Spirit of Charity Trauma Center, Trauma Performance and Patient Safety Committee; Member (2017 – present)
University Medical Center Spirit of Charity Trauma Center, Multidisciplinary Trauma Committee; Member (2017 – present)
Tulane University Graduate Medical Education Performance Enhancement Committee; Member (2017 – present)
Tulane University Clinical Competency Committee, General Surgery; Member (2017 – present)
Tulane University Adult Critical Care Committee; Member (2017 – present)

American College of Surgeons, Resident & Associate Society; Prior Resident Member (2011-2017)

American College of Surgeons Telementoring Committee; Member (2016 – present)

One Legacy Rose Bowl Float Committee, LAC+USC; Prior Member (2016 – 2017)

Trauma Survivor Reunion Committee, LAC+USC; Prior Member (2016 – 2017)

Los Angeles Disaster Management Committee, LAC+USC; Prior Member (2016 – 2017)

LAC Fresh Tissue Dissection Lab Committee, LAC+USC; Prior Member (2016 – 2017)

Eastern Association for the Surgery of Trauma (EAST); Member (2015 – present)

ICU Quality Improvement Committee, LAC+USC; Prior Member (2015 – 2017)

Trauma Quality Improvement Committee, LAC+USC; Prior Member (2015 – 2017)

Organ and Tissue Committee, Quality Improvement, LAC+USC; Prior Member (2015 – 2017)

Patient Blood Management Committee, Cleveland Clinic Akron General; Prior Member (2014 – 2015)

Tulane University Massive Transfusion Protocol Committee; Prior Member (2011 – 2012)

Louisiana Osteopathic Medical Association; Member (2011 – present)

American College of Surgeons Louisiana Chapter; Resident Member (2011 –2016)

American College of Surgeons Ohio Chapter; Member (2010 – 2017)

Sigma Sigma Phi Osteopathic Honors Society; Member (2009 – present)

Surgery Quality Improvement Committee, Cleveland Clinic Akron General; Prior Member (2009 – 2015)

Hospital Affiliations

Tulane Medical Center, New Orleans, Louisiana (2017 – present)

University Medical Center, New Orleans, Louisiana (2017 – present)

Southeast Louisiana Veterans Health Care System (2018 – present)

Awards and Honors

2020 Louisiana Young Fellows Association Stipend Award

2020 EAST Leadership Scholarship Award

1st Place Resident Oral Presentation. Post Graduate Day Akron General Medical Center. Akron, OH.

June 2013. 3rd Place Resident Manuscript. Post Graduate Day Akron General Medical Center. Akron, OH.

June 2013.

2nd Place Resident Oral Presentation. Regional Surgery Resident Scientific Season at Northeast Ohio Medical University. Rootstown, OH. May 2013.

Specific Administrative and Teaching Responsibilities

Medical Director, Emergency General Surgery (EGS), Tulane Medical Center

1. Direct a team of surgeons who can provide excellent care to our EGS patients at TMC from admission to discharge and additionally in the outpatient clinic
2. Lead the EGS service at TMC in a direction of excellence for departments regionally can look to as an example
3. Organize, direct, and implement acute care surgical service practice to assure continued compliance with the applicable laws, regulations, and appropriate standards of the Joint Commission on the Accreditation of Hospitals and the Louisiana State Department of Health
4. Foster a collaborative approach to patient care by further developing relationships among the departments hospital wide at Tulane University Hospitals
5. Design a Tulane University EGS handbook, designed to guide the residents to provide consistent departmentalize plans for the patients admitted to the EGS service
6. Create and organize the call schedule for weekly service staff coverage on the EGS service at TMC
7. Assign staff coverage for EGS resident weekly clinic at TMC
8. Organize a weekly EGS didactic hour for teaching on an interesting case encountered during the week on EGS
9. Develop and propose a plan to the TMC OR staff leaders to have an EGS OR room to be used daily use for cases 7am-5pm
10. Meet with the TMC OR staff leaders on a bi-monthly basis to discuss any barriers to getting EGS cases done
11. Participate in review of and appropriate management of EGS services revenue and expense budgets
12. Build an EGS registry to create a database to measure outcomes for the patients on the Tulane EGS service at TMC
13. Determine, implement, and participate in quality assurance and improvement projects for the EGS based on the American College of Surgeons Red Book: Optimal Resources for Surgical Quality and Safety.

Medical Director, Advanced Trauma Life Support (ATLS), Tulane School of Medicine

Associate Program Director, General Surgery Tulane University

Wellness and Mentoring

1. Communicate the importance of leading a healthy and balanced life at all career stages
2. Organize and plan regular offsite social and recreational activities throughout the year to establish and strengthen friendships and teamwork among the residents
3. Organize and execute leadership development activities to help cultivate the important characteristics in residents and create strong teams
4. Support and guide the residents through personal one-on-one mentoring during their career development
5. Develop a department-wide mentoring program to provide one-on-one mentoring at all levels of resident training

Recruitment

6. Assist with reviewing applications
7. Interview residency candidates
8. Attend rank meeting for residency candidates

Administrative

9. Attend weekly M&M conferences
10. Assist residents with fellowship application process
11. Assist PD with development and implementation of mock oral exams
12. Assist PD with ensuring compliance with ACGME and RRC resident regulations
13. Assist PD with development of educational goals and objectives for each resident rotation and ensuring that those goals and objectives are met
14. Serve on the program Clinical Competency Committee and attend biannual meetings

Scientific Presentations

1. **Guidry, C.** Management of Severe Hemorrhage: Historical Retrospect to Current Practice. Tulane Department of Surgery Grand Rounds. September 2017.

2. **Guidry C.** LAC+USC Trauma and Acute Care Surgery Symposium. Los Angeles, CA. May 2016. Emergency Abdominal Surgery: the Obesity Paradox?
3. **Guidry C,** Paranjape C, Haller N. Post Graduate Day Akron General Medical Center. Akron, Ohio. May 2014. Pre-operative fasting: Is it really necessary?
4. **Guidry C,** Paranjape C, Haller N. American Association for the Surgery of Trauma. International Meeting. San Francisco, CA. September 2013. Pre-operative fasting: Is it really necessary?
5. **Guidry C,** Heaney J, DellaVope J, Guice J, Hunt J et al. Post Graduate Day Akron General Medical Center. Akron, OH. May 2013. Impact of Inverse Ratios on Patients with Exsanguinating Vascular Injuries: Should More be the New Paradigm?
6. **Guidry C,** Heaney J, DellaVope J, Guice J, Hunt J et al. Regional Surgery Resident Scientific Season at Northeastern Ohio Medical University. Rootstown, OH. May 2013. Impact of Inverse Ratios on Patients with Exsanguinating Vascular Injuries: Should More be the New Paradigm?
7. **Guidry C,** McSwain N, Duchesne J, DuBose J, Gleeson E et al. Louisiana American College of Surgeons. Annual Meeting. New Orleans, LA. January 2013. Current Practice of Massive Hemorrhage: A National Trauma Institute Survey.
8. **Guidry C,** Heaney J, DellaVope J, Guice J, Hunt J et al. American Association for the Surgery of Trauma. International Meeting. Kauai, HI. September 2012. Impact of Inverse Ratios on Patients with Exsanguinating Vascular Injuries: Should More be the New Paradigm?
9. **Guidry C,** Gleeson E, Marr A, Hunt J, Meade P et al. Shock Society. International Annual Meeting. Miami, FL. July 2012. Diluting the survival benefit of hemostatic resuscitation.
10. **Guidry C,** Gleeson E, Marr A, Hunt J, Meade P et al. Louisiana American College of Surgeons. Annual Meeting. New Orleans, LA. January 2012. Diluting the survival benefit of hemostatic resuscitation.
11. Duchesne J, **Guidry C,** Park T et al American Association for the Surgery of Trauma. International Annual Meeting. Chicago, IL. September 2011. Impact of Low Fibrinogen Levels in the Puzzle of Trauma Induced Coagulopathy: Is this the Missing Link?

Journal Publications

1. Schroll R, Paramesh A, **Guidry C,** Zelhart M, Killackey M. A structured quality improvement educational curriculum increases surgical resident involvement in QI processes. *Journal of Surgical Education*. 2020 Jun 19;S1931-7204(20).

2. Ayman A, Friedman J, Tatum D, Jones G, **Guidry C**, McGrew P, Schroll R, Harris C, Duchesne J, Taghavi S. The association of payer status and injury patterns in pediatric bicycle injuries. *Journal of Surgery Research*. 2020 Jun 12;254:398-407.
3. Taghavi S, Srivastav S, Tatum D, Smith A, **Guidry C**, McGrew P, Harris C, Schroll R, Duchesne J. Did the affordable care act reach penetrating trauma patients? *Journal of Surgical Research* 2020 Jun;250:112-118.
4. Taghavi S, Tatum D, Reza T, Smith A, McGrew P, Harris C, **Guidry C**, Schroll R, Duchesne J. Sex differences in the massively transfused trauma patient. *Journal of Shock*. 2020 Jun 9.
5. Taghavi S, Jones G, Duchesne J, McGrew P, **Guidry C**, Schroll R, Harris C, Jacome T, Tatum D. Impact of trauma center volume on major vascular injury: an analysis of the national trauma data bank (NTDB). *American Journal of Surgery*. 2020 Jan 25;S0002-9610(20)30037-4.
6. Demaree C, Simpson JT, Smith A, **Guidry C**, McGrew P, Schroll R, McGinness C, Tatum D, Duchesne J. Intraoperative end-tidal CO₂ as a predictor of mortality in trauma patients receiving massive transfusion protocol. *American Journal of Surgery*. 2019 Dec 1;85(12):e617-e619.
7. Robinson LA, Turco LM, Robinson B, Corsa JG, Mount M, Hamrick AV, Berne J, Mederos DR, McNickle AG, Chestovich PJ, Weinberger J, Grigorian A, Nahmias J, Lee JK, Chow KL, Olson EJ, Pascual JL, Solomon R, Pigneri DA, Ladhani HA, Fraifogl J, Claridge J, Curry T, Costantini TW, Kongwibulwut M, Kaafarani H, San Roman J, Schreiber C, Goldenberg-Sandau A, Hu P, Bosarge P, Uhlich R, Lunardi N, Usmani F, Sakran JV, Babcock JM, Quispe JC, Lottenberg L, Cabral D, Chang G, Gulmatico J, Parks JJ, Rattan R, Massetti J, Gurney O, Bruns B, Smith AA, **Guidry C**, Kutcher ME, Logan MS, Kincaid MY, Spalding C, Noorbaksh M, Philp FH, Cragun B, Winfield RD. Outcomes in patients with gunshot wounds to the brain. *Trauma Surgery & Acute Care Open*. 2019 Nov 17;4(1).
8. Jackson-Weaver O, Friedman JK, Rodriguez LA, Hoof MA, Drury RH, Packer JT, Smith A, **Guidry C**, Duchesne JC. Hypoxia/reoxygenation decreases endothelial glycocalyx via reactive oxygen species and calcium signaling in a cellular model for shock. *Journal of Trauma & Acute Care Surgery*. 2019 Nov;87(5):1070-1076.
9. Zucker S, Smith A, Lladó-Farrulla M, Friedman J, **Guidry C**, McGrew P, Schroll R, McGinness C, Duchesne J. Bicycle lanes: are we running in circles or cycling in the right direction? *Journal of Trauma*. 2019 Jul;87(1):76-81.
10. Smith A, Ibraheem K, Tatum D, Schroll R, **Guidry C**, McGrew P, McGinness C, Duchesne J. Failure to rescue: a quality improvement imperative in achieving zero death in damage control laparotomy patients. *American Journal of Surgery*. 2019 Sep 1;85(9):973-977.
11. Carr C, Smith A, Marturano M, Hakki L, Friedman J, **Guidry C**, McGrew P, McGinness C, Duchesne J, Schroll R. Ventilator associated pneumonia: how do the different criteria for diagnosis match up? *American Journal of Surgery*. Jun 2019.

12. Friedman J, Hoof M, Smith A, Tatum D, Ibraheem K, **Guidry C**, Schroll R, Duchesne J, McGrew P. Pediatric firearm incidents: it is time to decrease on-site mortality. *Journal of Trauma and Acute Care Surgery*. 2019 May;86(5):791-796.
13. Smith AA, Ochoa JE, Wong S, Beatty S, Elder J, **Guidry C**, McGrew P, McGinness C, Duchesne J, Schroll R. Prehospital tourniquet use in penetrating extremity trauma: Decreased blood transfusions and limb complications. *Journal of Trauma and Acute Care Surgery*. 2019 Jan;86(1):43-51
14. Strumwasser A, Tobin JM, Henry R, **Guidry C**, Park C, Inaba K, Demetriades D. Extracorporeal membrane oxygenation in trauma: a single institution experience and review of the literature. *International Journal of Artificial Organs*. 2018 Dec; 41(12): 845-853.
15. Watkins RR, Mukherjee PK, Chandra J, Retuerto MA, **Guidry C**, Haller N, Paranjape C, Ghannoum MA. Admission to the intensive care unit is associated with changes in the oral mycobiome. *Journal of Intensive Care Medicine*. 2017 May;32 (4):278-282.
16. Duchesne J, **Guidry C** et al. Damage Control Resuscitation Guideline Analysis. Current Therapy of Trauma and Critical Care. Second Edition. Damage Control Resuscitation: An Evidence-Based Report. Book Chapter. 2016.
17. Heaney J, **Guidry C**, Hunt J, Meade P, McSwain N, Duchesne J. To TQIP or not to TQIP: that is the question. *American Journal of Surgery*. 2014 Apr;80(4):386-90.
18. **Guidry C**, Unruh M, Meade P, McSwain N, Duchesne J. Impact of Crystalloid to PRBC Ratio in Patients with Exsanguinating Penetrating Abdominal Injuries: The Conundrum of Resuscitation. *Panamerican J Trauma, Critical Care, and Emergency Surgery*. 2013; 2(1): 52-57.
19. **Guidry C**, Gleeson E, Simms E, Stuke L, Meade P, McSwain N, Duchesne J. Initial assessment on the impact of crystalloids versus colloids during damage control resuscitation. *Journal of Surgical Research*. 2013 Nov; 185(1): 294-9.
20. Petersen S, Simms E, **Guidry C**, Duchesne J. Impact of hormonal protection in blunt and penetrating trauma: a retrospective analysis of the National Trauma Data Bank. *American Journal of Surgery*. 2013 Sept; 79(9): 944- 51.
21. Duchesne J, Heaney J, **Guidry C**, McSwain N, Meade P et al. Diluting the benefits of hemostatic resuscitation: a multi-institutional analysis. *Journal of Trauma and Acute Care Surgery*. 2013 July; 75 (1): 76-82.
22. **Guidry C**, Heaney J, DellaVope J, Guice J, Hunt J et al. Impact of inverse ratios on patients with exsanguinating vascular injuries: should more be the new paradigm? *Journal of Trauma and Acute Care Surgery*. 2013 Feb; 74(2): 403-10.

23. Duke M, **Guidry C**, Guice J, Stuke L, Marr A et al. Restrictive fluid resuscitation in combination with damage control resuscitation: time for adaptation. *Journal of Trauma and Acute Care Surgery*. 2012 Sep; 73(3):674- 8.
24. Duchesne J, **Guidry C**, Hoffman J, Park T, Bock J et al. Low-volume resuscitation for severe intraoperative hemorrhage: a step in the right direction. *American Journal of Surgery*. 2012 Sep; 78(9): 936-41.
25. Duchesne J, Simms E, **Guidry C**, Duke M, Beeson E et al. Damage control immunoregulation: is there a role for low-volume hypertonic saline resuscitation in patients managed with damage control surgery? *American Journal of Surgery*. 2012 Sep; 78(9): 962-8.

Invited Conferences and Symposiums

1. Definitive Surgical Trauma Skills Course (DSTS), Royal College of Surgeons – London, England; June 5-6, 2019. Invited Instructor.
2. AAWSM Regional Conference, New Orleans, Louisiana; April 5-6, 2019. Invited Guest.
3. Norman E. McSwain EMS Conference, TXA Debate, New Orleans, Louisiana; November 15, 2018. Presenter.