Letter from UofL Hospital’s Trauma Center

2017 was an exciting year for UofL Hospital and for UofL Hospital’s Trauma Center. As we transitioned our daily management back to University Medical Center and away from KentuckyOne Health, we had many changes and new opportunities. Included in these changes were opportunities for additional growth and expansion in our Trauma Center.

Within the Trauma Center, our injury prevention efforts expanded with the addition of two new team members. Our trauma registry team was able to add another full-time registrar due to the increased volume of trauma patients. Outside the walls of our hospital, we expanded outreach efforts and brought new community partners to the table for more intentional and collaborative impact in our communities.

As we grow and expand, we especially want to thank those of you who support us through partnerships—everyone from our referring facilities and emergency transport services to local community-based organizations—for all you do to strengthen our Trauma Program. We think of you as members of our trauma team and are deeply grateful for your continued support and participation as we grow. Thank you for the opportunity to be your Trauma Center.

Brian G. Harbrecht, MD, FACS
Medical Director, Trauma Services
UofL Hospital

Kim Denzik, MSN, RN
Trauma Program Manager
UofL Hospital

“Thank you for the opportunity to be your Trauma Center.”
About Us

UofL Hospital

UofL Hospital, an academic teaching and research hospital, is in the heart of the Louisville Metro area in downtown Louisville, Kentucky. We are the primary adult hospital for the University of Louisville School of Medicine, providing clinical training for residents, medical students, nurses and other professional medical providers.

ACS-Verified Level I Trauma Center

Our distinction as the region's only American College of Surgeons (ACS) Verified Level 1 Trauma Center for adults means we have achieved the highest level of verification to deliver care to adult patients with the most severe injuries. We are one of only two Level I adult trauma centers in Kentucky.

Emergency Department

Our Emergency Department (ED) sees more than 60,000 patients per year. The ED is comprised of a rapid assessment triage area, 31 treatment rooms, four trauma bays, and a triage area for Emergency Medical Services. We offer many levels of care for our community which include, but are not limited to, Stroke, Trauma, Burn, High-Risk Obstetrics, and Emergency Psychiatric Services. We are also the only facility in the region that houses a decontamination area for chemical and biological decontamination.

Also housed within the Emergency Department is First Care, an area for treating minor illnesses and injuries. This area is staffed by Advanced Practice Registered Nurses and is open 24 hours a day, seven days a week. The goal is for our patients to have a medical screening exam within 30 minutes of arrival and be seen, treated, and released within 120 minutes.

Trauma ICU

We have two trauma surgical intensive care units (ICU) specializing in the care of the most critically-ill and injured patients. Each trauma ICU has been recognized by the American Association of Critical-Care Nurses (AACN) with the Silver Beacon Award for Nursing Excellence.

Operating Rooms

We are equipped with 14 inpatient and eight outpatient operating room suites. Because we are continually staffed around the clock with all the necessary personnel to perform the most complex surgeries, our operating rooms are ready for use within minutes of a trauma patient’s arrival.

Burn ICU

We provide comprehensive burn care through our adult burn intensive care unit—the only such dedicated unit in Kentucky. Our trauma surgeons and burn unit nurses are specially-trained in burn injuries to provide the highest level of care possible.

By The Numbers

We are capable of treating many patients simultaneously by utilizing:

- 35 patient emergency bays
- 20 trauma/surgical ICU beds
- 50 critical care beds
- 5 burn beds
- 6 stroke beds

As the academic hospital at the heart of the Louisville metro area, UofL Hospital is quite literally at the center of the latest developments in patient care. Our doctors, nurses and staff are pioneering the treatments that are shaping the future of health care.
Serving Patients from Across Kentucky and Beyond

In 2017, our trauma center treated 3,523 patients; 53% of those patients resided in counties outside of Jefferson County. The number of patients who come from outside the Louisville Metro area makes the UofL Hospital Trauma Center a vital local, regional, and statewide resource.

<table>
<thead>
<tr>
<th>Patient State of Residence</th>
<th>Number of Patients</th>
</tr>
</thead>
<tbody>
<tr>
<td>Residing in Kentucky</td>
<td>2772</td>
</tr>
<tr>
<td>Residing in Indiana</td>
<td>656</td>
</tr>
<tr>
<td>Residing in Neither Kentucky Nor Indiana</td>
<td>95</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>3523</strong></td>
</tr>
</tbody>
</table>

53% of Patients Treated Resided Outside of Jefferson County

3,523 Patients Treated in 2017
Method of Transport Data

- Ambulance from Referring Hospital: 27% / 948 Patients
- Ambulance from Scene: 49.5% / 1744 Patients
- Helicopter from Referring Hospital: 5.7% / 200 Patients
- Helicopter from Scene: 10.8% / 382 Patients
- Private Vehicle / All Other from Referring Hospital: 1.5% / 54 Patients
- Vehicle / All Other from Scene: 5.5% / 195 Patients

Transport Location Data

- To ULH from Scene: 65.9% / 2321 Patients
- To ULH from Referring Hospital: 34.1% / 1202 Patients
Leading Causes of Injury

Motor Vehicle / Motorcycle Crash
- 1307 Patients

Falls
- 922 Patients

Gunshot
- 325 Patients

Assault (blunt)
- 182 Patients

Burn (primary cause)
- 150 Patients

Stabbing
- 87 Patients

Pedestrian Struck
- 123 Patients

We are the region’s only American College of Surgeons (ACS) Verified Level I Trauma Center for adults and we are one of only two Level I adult trauma centers in the Commonwealth of Kentucky. Additionally, we have the region’s only dedicated burn unit.
ISS – Injury Severity Score

The ISS (Injury Severity Score) is an established trauma/injury score assessing trauma severity. The ISS range is 1-75, with 75 being a universally fatal injury. An ISS greater than 15 is used to designate patients considered to have major trauma (or polytrauma). The ISS scale is categorized as follows:

- Minor: 1-10
- Moderate: 11-15
- Severe: 16-24
- Critical: 25-75

2017 Burn Data

In 2017, we treated 149 patients with burn injuries as the primary cause of injury.

Burn Injury Transport Data

- To ULH from Scene: 50.3% / 75 Patients
- To ULH from Referring Hospital: 49.7% / 74 Patients

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n = 3,523 patients year 2017 / 3,513 with an ISS
n = 3,483 patients year 2016 / 3,475 with an ISS
Team

Trauma Institute Team

Administration

Executive Director of Surgical Services
Lisa Jackson, RN, is the Executive Director of Surgical Services, the Trauma Institute, and our Comprehensive Stroke Center. Lisa provides a wealth of experience and oversight to the trauma program.

Trauma Program Manager
Kim Denzik, MSN, RN, oversees the daily operations and growth of the Trauma Institute. She works closely with the emergency department, surgical services, the access center, and other hospital departments to ensure a multi-disciplinary approach to everything from patient care to community outreach and continuing education.

Department Support Assistant
Stefanie Upton coordinates the activities of the Trauma Institute, provides payroll and HR guidance, and assists with the organization of clinical education and outreach activities.

Performance Improvement

Performance Improvement Coordinator
Jiliene Georgel, RN, oversees the Trauma Institute performance improvement program for rapid problem identification, data-driven analysis, and resolution of issues to ensure our high quality of care.
Nurse Practitioners

Our trauma nurse practitioners work collaboratively with the attending physicians and surgical residents to provide optimal care to our trauma patients. In addition to performing medical procedures, monitoring patient progress, assisting in wound care, and providing staff education, they work closely with case managers and social workers to coordinate care outside the hospital to ensure ongoing rehabilitation.

Kim Broughton-Miller, APRN
Michelle Frisbie, APRN
Karina Pentecost, APRN
Jodi Wojcik-Marshall, APRN

Trauma Resource Nurses

Our Trauma Resource Nurses work in collaboration with our Emergency Department (ED) and Intensive Care Unit (ICU) nurses to provide ongoing care for our most critically ill trauma patients. In the ED, they assist with trauma evaluation and help transition the patient through the emergency department to the trauma unit.

Ashley Wheeler, RN
Danelle Jones, RN

The Trauma Team would like to offer our deep gratitude to extended member of our team, photographer Scotty Perry, for the photos used in this report.
Registry Manager and Registrars

Our trauma registry provides the backbone for measuring performance and outcomes. We collect over 250 data points on each admitted trauma patient, including ICD-10 codes and injury severity score (ISS). The registry team, led by Trauma Registry Manager Wanda Bowen, studies the patterns, severity, and causes of injuries affecting our community.

The trauma registry serves as a resource that drives research to improve the care of injured patients. Our registry provided HIPAA-compliant, IRB-approved data to inform 17 research projects in 2017.

Additionally, our registry guides our education, outreach, and injury prevention strategies. Using this data-driven approach, we ensure our activities serve the greatest needs of our community.

Wanda Bowen
Registry Manager

Kelly Lantrip

Donna Collins

LeRita Ford

Samantha Baker

Jen Burden

Mandi Talai

Sarina Mudd

Patrick Torpey
Outreach, Education, and Injury Prevention

Outreach and Education Coordinator
Theresa Baker, RN, educates fellow health care workers, emergency medical services staff, and the general public about trauma prevention and education. We offer multiple trauma education courses for health professionals, including Advanced Trauma Life Support (ATLS) and Trauma Nursing Core Course (TNCC). Theresa also serves as our point of contact for our referring facilities and pre-hospital providers.

Healthy Community and Injury Prevention Manager
Annabelle Pike, MBA, joined the Trauma Institute in 2017 to oversee the Injury Prevention Program. Our injury prevention strategies include Stop the Bleed, a program teaching bystanders how to stop life-threatening bleeding, and Pivot to Peace Intervention Network, our hospital-based violence intervention program.

Community Health Worker
KJ Fields joined the Trauma Institute in 2017 as UofL Hospital operationalized the Pivot to Peace Intervention Network. KJ offers resources during and beyond hospitalization to patients who have been hospitalized due to gunshot or stabbing injuries. These resources can include post-discharge follow-up, educational opportunities, counseling, and other services patients and their families may need to heal.

Support Groups
The trauma social workers also lead our weekly trauma support groups. These groups provide patients and family members with support, resources, and a way to connect with others who share similar experiences.

The support group currently meets every Wednesday from 1 p.m. to 2 p.m. in the hospital chapel.

Trauma Social Workers
Our trauma social workers provide patients with bedside therapeutic counseling and interventions. They are also able to link patients with hospital and community resources to improve their recovery and integration back into the community.

In 2017, Lindsey and Latasha completed over 600 brief interventions with trauma patients.
Department of Surgery Leadership

Kelly M. McMasters, MD, PhD
Chair and Professor, University of Louisville Department of Surgery

J. David Richardson, MD
Vice Chair and Professor, University of Louisville Department of Surgery

Trauma Attending Physicians

Brian G. Harbrecht, MD
Trauma Medical Director Professor, University of Louisville Department of Surgery

Glen Franklin, MD
Burn Unit Medical Director Professor, University of Louisville Department of Surgery

Jason W. Smith, MD, PhD
Chief Medical Officer Associate Professor, University of Louisville Department of Surgery

Matthew Benns, MD
Associate Professor, University of Louisville Department of Surgery

Matthew Bozeman, MD
Assistant Professor, University of Louisville Department of Surgery

Keith R. Miller, MD
Assistant Professor, University of Louisville Department of Surgery

Nicholas Nash, MD
SICU Medical Director Assistant Professor, University of Louisville Department of Surgery

Our Trauma Faculty

UofL Hospital trauma surgeons are also professors and researchers at the University of Louisville School of Medicine.

Trauma Fellows

Amirreza Motameni, MD
Surgical Critical Care Fellow

Johnson Walker, MD
Surgical Critical Care Fellow

Brian Strollo, MD
Surgical Critical Care Fellow

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Our Multi-Disciplinary Approach

In order to provide the complex care needed by trauma patients, we work closely with many specialists throughout UofL Hospital. In particular, we want to thank our trauma specialty liaisons who provide multidisciplinary input into the care of trauma patients and in the peer review of trauma care.

Anesthesiology

Michael F. Heine, MD

Emergency Medicine

Royce D. Coleman, MD, FACEP, FAAEM

Critical Care

Nicolas Nash, MD

Neurosurgery

Haring J.W. Nauta, MD, PhD, FACS

Orthopaedics

Brandi R. Hartley, MD

Radiology

Jonathan K. Joshi, MD

UofL Hospital is equipped with 14 inpatient and eight outpatient operating room suites, with two suites dedicated to the treatment of the most critically injured patients. Our operating rooms are fully staffed 24/7/365 and ready for use within minutes of a trauma patient’s arrival.
Our Trauma Center regularly produces research with the goal of advancing knowledge essential to optimizing the care of injured patients. This ability is part of what distinguishes a Level 1 trauma center from other centers. Some of the research our team completed in 2017 includes:


Injury Prevention Highlight

Pivot to Peace Intervention Network

*Pivot to Peace Intervention Network* is UofL Hospital’s violence intervention network dedicated to providing resources and support to those hospitalized due to a violent injury. Our Trauma Community Health Worker and Trauma Social Workers work with community partners to bring resources to patients and their families. *This can include referrals for:*

- Post-discharge follow-up
- Educational needs
- Counseling
- Mentorship
- Other services our patients and their families may need to heal

We are proud to work with these community partners through our community work, including the *Pivot to Peace Intervention Network.*

- Commonwealth Institute of Kentucky
- Family Health Centers
- Goodwill Industries
- Kentucky Career Center
- Kentucky Safety and Prevention Alignment Network
- Louisville Central Community Center
- Louisville Metro Department of Public Health and Wellness
- Louisville Metro Office of Safe and Healthy Neighborhoods
- NIA Center
- No More Red Dots
- Peace Education
- Spalding University
- YouthBuild
Injury Prevention Highlight

Stop the Bleed

The UofL Hospital Trauma Institute provides Stop the Bleed training to provide bystanders with the simple steps they can take in an emergency situation to stop life-threatening bleeding. We are proud to support this national campaign developed by the American College of Surgeons and other agencies that teaches skills like tourniquet placement, wound packing, and direct pressure to potentially save lives.

UofL Hospital is also excited to announce that in 2017, we fulfilled a Stop the Bleed recommendation to pair each AED on our campus with a bleeding control kit.

“Great job! You guys made it simple enough for everyone to understand.”
— member, Mt. Vernon Missionary Baptist Church

“Thanks—this was awesome!”
— teacher, Trinity High School

By The Numbers . . .

537: Number of people reached with full Stop the Bleed training

1348: Number of people reached with basic Stop the Bleed concepts

1885: Total number of people educated on Stop the Bleed in 2017
Thank you to our participants!

As part of our commitment to our community, we offered this training for **FREE** in 2017 and trained people in the community as well as at UofL Hospital. **We thank these organizations and event organizers for allowing us the opportunity to teach Stop the Bleed to their employees, students, and members in 2017:**

Coke Memorial United Methodist Church  
Engelhard Elementary School  
Fairdale Fire Department  
Girl Scout Troop 1265  
Jefferson County Sheriff’s Office—School Resource Officers  
Kentucky State Fair  
Kenwood Station Elementary School  
Leitchfield Firehouse  
Louisville Central High School  
Louisville International Airport  
Louisville Metro Police—SVU  
Louisville Metro Police—SWAT  
Louisville Metro Police—School Resource Officers  
My Daily Armor  
St. Stephen Martyr  
Trinity High School  
UAW Local 862  
University of Louisville School of Medicine  
Waggener High School  
Youth Violence Prevention Research Center

“Thank you for such an interactive and informative class. Hopefully we never have to use the skills we learned, but if we do, we will be well-prepared.”

— Environmental Health Specialist

“Great course!”

— School Resource Officer
Outreach Highlight

2017 Kentucky State Fair

As part of the UofL Hospital booth at the 2017 Kentucky State Fair, the Trauma Center provided three full days of interactive education. We offered falls prevention education and Stop the Bleed. To reiterate our teaching, we provided participants with giveaways to reinforce the education. Our reach was wide-ranging, with 57% of those educated residing in Jefferson County, KY, and the remaining 43% from counties in Indiana and Kentucky.

Falls Prevention

For senior day, we focused on falls prevention with a demonstration room filled with potential fall hazards. We asked fair-goers to identify the hazards they knew about or if they recognized anything from their own home. We discussed how to mitigate those hazards and provided solutions to make homes safer.

By The Numbers . . .

550: Number of people educated on falls prevention
96%: Percent of people who evaluated the education as helpful
Stop the Bleed

August 18, 2017 was Trauma Day at the UofL Hospital booth, so we spotlighted *Stop the Bleed*. In lieu of providing the whole training, we taught fair-goers how to compress a bleeding wound and tourniquet placement. We used everyday items to fashion improvised tourniquets and also taught participants how to use Combat Application Tourniquets.

By The Numbers . . .

750: Number of people educated on *Stop the Bleed*

86%: Percent of people who felt prepared to apply a tourniquet after receiving education
Clinical Education Overview

Our Trauma Center is dedicated to providing trauma-related education to our physicians, nurse practitioners, residents, nurses, and other allied health professionals. In additional to internal multidisciplinary education, we also offer the following clinical education and certification courses:

**Advanced Burn Life Support (ABLS)** — for physicians, nurses, physician assistants, nurse practitioners, therapists, and paramedics. The course provides guidelines in the assessments and management of burn patients during the first 24 hours after an injury.

**Advanced Trauma Life Support (ATLS)** — for physicians, residents, physician assistants, and nurse practitioners. The course provides an organized approach for the evaluation and management of seriously injured patients.

**Course in Advanced Trauma Nursing (CATN)** — for experienced emergency, ICU, and PACU nurses. This advanced course focuses on critical thinking and clinical decision-making to enhance trauma care.

**Kentucky Statewide Trauma and Emergency Medicine Symposium** — an annual conference hosted by one of Kentucky’s Level I trauma centers.

**Trauma Care After Resuscitation (TCAR)** — for inpatient trauma nurses, including those in acute care, critical care, perioperative, and rehabilitation settings. This course covers a wide range of pathophysiologic and nursing concepts to address the needs of the hospitalized trauma patient.

**Trauma Nurse Core Curriculum (TNCC)** — for emergency, ICU, and PACU nurses. The course focuses on the primary and secondary patient surveys and initial interventions.

**Trauma Nursing Lecture Series** — four hours of in-house trauma-specific continuing education provided to any hospital employee, including outside hospitals. CEUs are available for nurses.

**Trauma Nursing M&M** — offered as a part of the Trauma Nursing Lecture Series (see above). This open discussion of patient complications and high risk situations fosters the sharing of experiences in a blame-free environment. The goal is to review current practices and systems and measure them against the most current evidence available.
Clinical Education Highlight

TNCC

On a monthly basis, we offer the Emergency Nurses Association’s Trauma Nursing Core Course (TNCC) to empower nurses and other health clinicians with the knowledge, critical thinking skills, and hands-on training to provide expert care for trauma patients.

**TNCC teaches nurses a systematic and organized approach to:**

- Rapidly identify life-threatening injuries
- Complete a comprehensive patient assessment
- Provide enhanced intervention for better patient outcomes

This hands-on course is led over two days by our Trauma Center’s seven expert instructors. The majority of TNCC attendees come from the Emergency Department, the Post Anesthesia Care Unit (PACU), and the Surgical Intensive Care Unit (SICU).

Trauma Nurse Practitioners Kimberly Broughton-Miller (standing, center) and Michelle Frisbie (on stretcher) teach the interactive portion of TNCC.
Clinical Education Highlight

Congratulations to Our Nurses

We are proud to highlight several nurses at UofL Hospital who have obtained the Trauma Certified Registered Nurse (TCRN) certification. The TCRN exam signifies expertise with trauma nursing standards and demonstrates commitment to the highest level of trauma care. This specialized nursing certification provides multiple benefits for patients and their families, nurses and their peers.

To learn more about TCRN, please visit http://www.bcencertifications.org/Get-Certified/TCRN.aspx.

Our TCRN Team

“For some, certification may be about validation. To us, it is about being prepared. Together with clinical skills, the amount of knowledge that you gain while preparing for certification exams directly impacts quality patient care and elevates nursing.”

– Frankie Parra

“I chose to become TCRN-certified to expand my knowledge of how to take care of all types of trauma patients. Working at a Level I Trauma Center, you have to be prepared for anything that will come through your doors. Most of the information I learned studying for this exam wasn’t covered in nursing school and it helped me think critically. I want to give our patients the highest quality of care that leads to the best possible outcome and that takes an eagerness to learn.”

– McKenzie Bond

Front row (left to right): Regina Doan, Beth Sum, Kacie Albertson, Jil Georgel
Back row (left to right): McKenzie Bond, Dan Selter, Jamie Peters, Jen Gromko

A special thank you to Nate Davison for the use of this photograph.
Community and Patient Support

Overview

Our Trauma Social Workers spent 2017 developing systems of support for our patient and families, as well as the community as a whole. This includes:

• **Trauma Support Groups**—for those who have experienced a traumatic injury, or a family member or friend of someone with a traumatic injury.

  Support groups are currently held at UofL Hospital every Wednesday from 1 p.m. – 2 p.m. in the second floor Chapel.

• **Trauma Survivor Network**—the American Trauma Society provides this pool of educational resources and programs for patients and families to help navigate and address the needs of patients with traumatic injuries. UofL Hospital is member of the Trauma Survivor Network, and more information can be found at [traumasurvivornetwork.org](http://traumasurvivornetwork.org).

Coming Soon...

• **Peer Support**—for those patients and their families who have experienced a traumatic injury, we are working to build a network of peer support mentors. These peer support mentors will be available to listen and provide support at the bedside and after discharge, helping you rebuild your life.
Gregg Lohman

Trauma Patient and Survivor

Five years ago, in March of 2013, Gregg Lohman was driving south on I-65 heading home to Nashville to play a couple of gigs. At the time, he was the drummer for the country singer Kellie Pickler. Due to the accident on the opposite side of the interstate, Gregg’s side had slowed almost to a standstill when a semi, traveling about 50 miles per hour, struck the back of his vehicle. Gregg’s truck ended up on the shoulder of the road looking more like an accordion than a pickup truck.

Gregg was rushed to the local hospital and then air lifted to UofL Hospital.

His injuries consisted of a broken C2 vertebra, TBI (traumatic brain injury), a collapsed lung, a broken nose, and 6 broken ribs. A fracture of the C2 is also called the “hangman’s fracture” as it typically causes paralysis or death.

Gregg has very little recollection of his time in the hospital, but his family does.

“Our family is from out of town so we were in unfamiliar surroundings on top of dealing with what had happened to Gregg. The surgeons did a fantastic job. There was very little reason for Gregg to be alive and not paralyzed, it’s a miracle! The staff at UofL Hospital have compassion for people and it’s obvious. We remember even the janitorial staff being so friendly and smiling at us. We were there for a week and got to know the nurses so well. Some of the nurses even teared up when we left and said they loved our family and were going to miss us. Even five years later, we think fondly of the hospital. Everyone was so incredibly kind.”

– Bob Lohman, Gregg’s brother

Today, Gregg is back to doing what he loves.

“I learned how music can be a great healer, both mentally and physically. Music was the driving force for my motivation to recovery. Over the years, I have asked myself ‘why’ as no one really expected me to survive much less get back to drumming so soon. I am very thankful and fortunate. I feel like I have a second chance and want to make the most of it.”

– Gregg Lohman
In July 2015, Frank Jackson’s life changed. His son was involved in a swimming pool accident, where he broke his back and neck.

The Jackson family was living in Huntsville, Alabama at the time, but couldn’t get the medical care there that they needed. They bounced around from hospital to hospital before finally ending up in Louisville.

Due to the extent of his injuries, his son requires care around the clock, and has occupational therapy and physical therapy five days a week.

During the course of this journey, Frank found out about UofL Hospital’s trauma support group.

“The support group – Lindsey and Latasha – they saved my life.” says Frank. “I love coming to the hospital for the support group. It gets my mind in check. It’s a safe place for me to be mad. They’ve taught me that it’s ok to not feel ok. I’m not embarrassed to admit that I need this ‘me’ time. People want to help but they don’t always know what to say or do. Attending the support group helps me feel that I am not alone in going through this.”

When asked about what makes the support group successful, Latasha White, Trauma Program social worker said that the members keep it going, “We take a step and they support themselves and each other.”

UofL Hospital’s Trauma Support Group meets every Wednesday, from 1 p.m. – 2 p.m. in the second floor Chapel at UofL Hospital.

For more information, visit us at UofLHospital.org.
William Brent Birkla

Trauma Patient and Survivor

On June 7, 2017, Brent Birkla was out baling hay like he does all the time.

On that particular day, he was worn out. When he got off the tractor, he didn’t set the brake like he usually does. The tractor took off.

Brent ran after it, grabbed the steering wheel, but when he did, his leg got caught by one of the wheels and it pulled it under him.

“All I could do was lay there and watch the baler run over me,” recalled Brent.

Luckily, Brent’s wife had just walked out of the house and called 911 immediately. He was stat-flighted to UofL Hospital.

His injuries included a fractured pelvis, fractured tailbone, three broken ribs, a punctured lung and his left leg had to be amputated above the knee.

Nearing the one-year anniversary of his accident, Brent says that he has recovered pretty well and keeps getting better.

“I feel grateful to UofL Hospital. The treatment was good. My heart quit a couple times and they brought me back. They did an excellent job.”

– William Brent Birkla
Giving Back

Trauma Institute Fund

The Trauma Institute is dedicated to supporting the community we serve through community education, prevention, and outreach. In 2017, we developed the Trauma Institute Fund to financially support these initiatives. Donations made to the Trauma Institute Fund allow us to reach more communities by covering the cost of supplies and materials used in outreach, like Stop the Bleed.

As a 501(c) 3, your gift is tax-deductible. One-hundred percent of your generous support will be used directly for programmatic expenses. We do not use any portion of gifts to the Trauma Institute Fund for administrative or overhead expenses.

To Donate

To make a tax-deductible donation, mail your donation to:

UofL Hospital
ATTN: Chris Graff, VP, CFO
Grants and Donations
530 S. Jackson Street
Louisville, KY 40202

Please indicate “Trauma Institute Fund” in the memo line of your check.
Steve Bolton, a nurse at UofL Hospital for over 25 years, was described as being “the true essence of a friend.” Those who loved and worked with him describe him as outgoing and genuine with a wonderful sense of humor.

In 2017, the UofL Hospital Advanced Practice Council developed the Steve Bolton Professional Development Scholarship Award to honor the memory of Steve Bolton. The scholarship is dedicated to advancing the professional growth and development of bedside nurses at UofL Hospital by providing the opportunity to increase knowledge by attending local, regional, or national conferences.

Scholarship recipients will be mentored by the Advanced Practice Council to develop presentations and posters as a means of disseminating the knowledge obtained through the scholarship.

**To Apply**

- You must be currently employed as a bedside nurse at UofL Hospital with at least one year of service.
- Contact BoltonScholarship@ulh.org to learn more about the next application window.

**To Donate**

To make a tax-deductible donation, mail your donation to:

UofL Hospital
ATTN: Chris Graff, VP, CFO | Grants and Donations
530 S. Jackson Street | Louisville, KY 40202

Please indicate “Bolton Scholarship Fund” in the memo line of your check.
### Referring Facilities

**Thank you to our referring facilities!**

With over one-third of our trauma patients coming from referring facilities, we are grateful for the care entrusted to us by our patients and referring facilities.

<table>
<thead>
<tr>
<th>Baptist Health Corbin</th>
<th>Jewish Hospital Shelbyville</th>
<th>Owensboro Health Muhlenberg Community Hospital</th>
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<td>Baptist Health Floyd</td>
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<td>Deaconess Midtown Hospital</td>
<td>Medical University of South Carolina</td>
<td>St. Vincent Dunn</td>
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<td>Ephraim McDowell Regional Medical Center</td>
<td>Memorial Hospital and Health Care Center</td>
<td>St. Vincent Evansville</td>
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<td>Flaget Memorial Hospital</td>
<td>Mercy Hospital St. Louis</td>
<td>St. Vincent Salem</td>
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<td>Frankfort Regional Medical Hospital</td>
<td>Methodist Hospital Henderson County Campus</td>
<td>Sts. Mary and Elizabeth Hospital</td>
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<td>Hardin Memorial Hospital</td>
<td>Methodist Hospital Union County Campus</td>
<td>T.J. Health Columbia</td>
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<td>T.J. Samson Community Hospital</td>
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<td>Jane Todd Crawford Hospital</td>
<td>Norton Women’s &amp; Children’s Hospital</td>
<td>TriStar Skyline Medical Center</td>
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<td>Twin Lakes Regional Medical Center</td>
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<td>Jewish Hospital</td>
<td>Our Lady of Bellefonte Hospital</td>
<td>Whitesburg ARH Hospital</td>
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# Emergency Medical Services

**Thank you to emergency medical services!**

Nearly all of our trauma patients are transported to us by ground or air medical transport. We are grateful for our EMS partners who have helped our trauma program become the national leader it is.

<table>
<thead>
<tr>
<th>Adair County EMS</th>
<th>Indiana University Health LifeLine</th>
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<tbody>
<tr>
<td>Air Evac Lifeteam</td>
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<td>King’s Daughters’ Health EMS</td>
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<td>Owensboro/Daviess County EMS</td>
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<td>Yellow Ambulance</td>
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UofL Hospital Access Center

The UofL Hospital Access Center is the most efficient and effective way to transfer a patient to UofL Hospital, allowing patients to receive quality care right away.

How to Transfer a Patient

1. Call our Access Center: **502-562-8008** or **1-888-803-8008**

2. The Access Center will ask for:
   - Caller’s name
   - Referring provider and hospital
   - Contact number
   - Service being requested
   - Patient name
   - Transferring diagnosis
   - Basic patient condition

3. The Access Center will contact the specialist on call for the requested service

4. The Access Center will facilitate a recorded conference call between the referring provider and the on-call provider to discuss the patient’s condition

5. Once the patient is accepted for transfer, the Access Center will:
   - Coordinate appropriate bed placement
   - Request necessary medical documents
   - Connect nurses for patient report