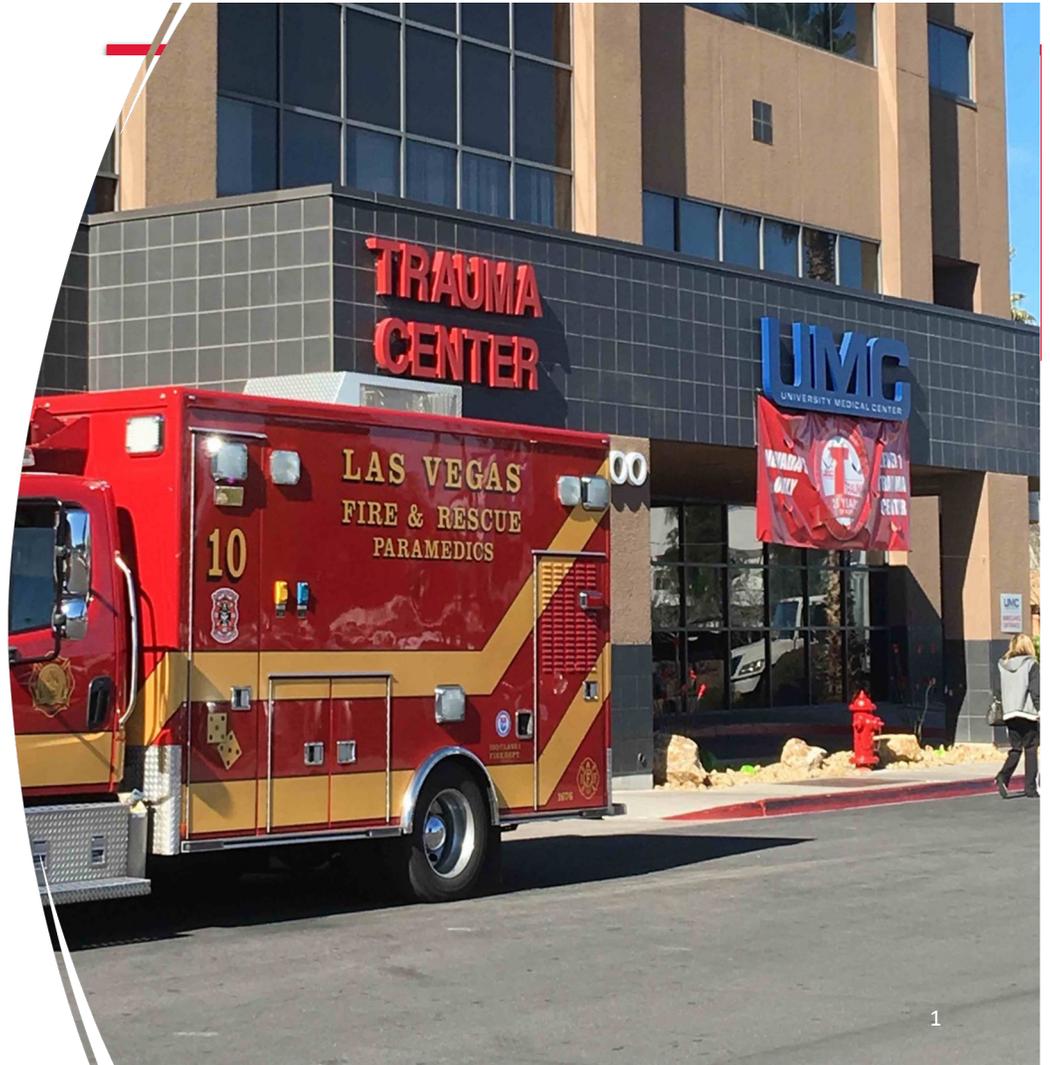


UNLV  
ACUTE CARE  
SURGERY  
FELLOWSHIP

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# WHO'S WHO



- **Deborah A. Kuhls, MD FACS FCCM FRCST (Hon)**

- Division Chief of Acute Care Surgery
- Assistant Dean for Research
- Chief of Trauma & Trauma Medical Director – University Medical Center
- ACS, COT, SCCM, AAST, EAST, CCMS, AAMC



- **Allison G. McNickle, MD FACS**

- Program Director, Acute Care Surgery Fellowship
- Vice Chief of Trauma, University Medical Center
- AAST, ACS Program Directors, EAST



- **Kevin Kuruvilla, MD**

- Program Director, Surgical Critical Care Fellowship
- Medical Director, Trauma ICU
- SCCM, AAST, SCCPDS



# MILITARY CIVILIAN PARTNERSHIP



- Largest Military Civilian Partnership (MCP) in the U.S. - 20 years
- SMART (Sustained Medical and Readiness Training) Program
  - Cooperative effort with USAF for rotation of active-duty AF physicians/nurses/technicians to UMC for trauma and critical care experience
  - Goal is to integrate AF SMART teams into care of critically ill/injured patients to maintain battlefield readiness



## Medical Education Building - Opened Fall 2022

Las  
Vegas  
Medical  
District



Includes Simulation Center and Cadaver Lab

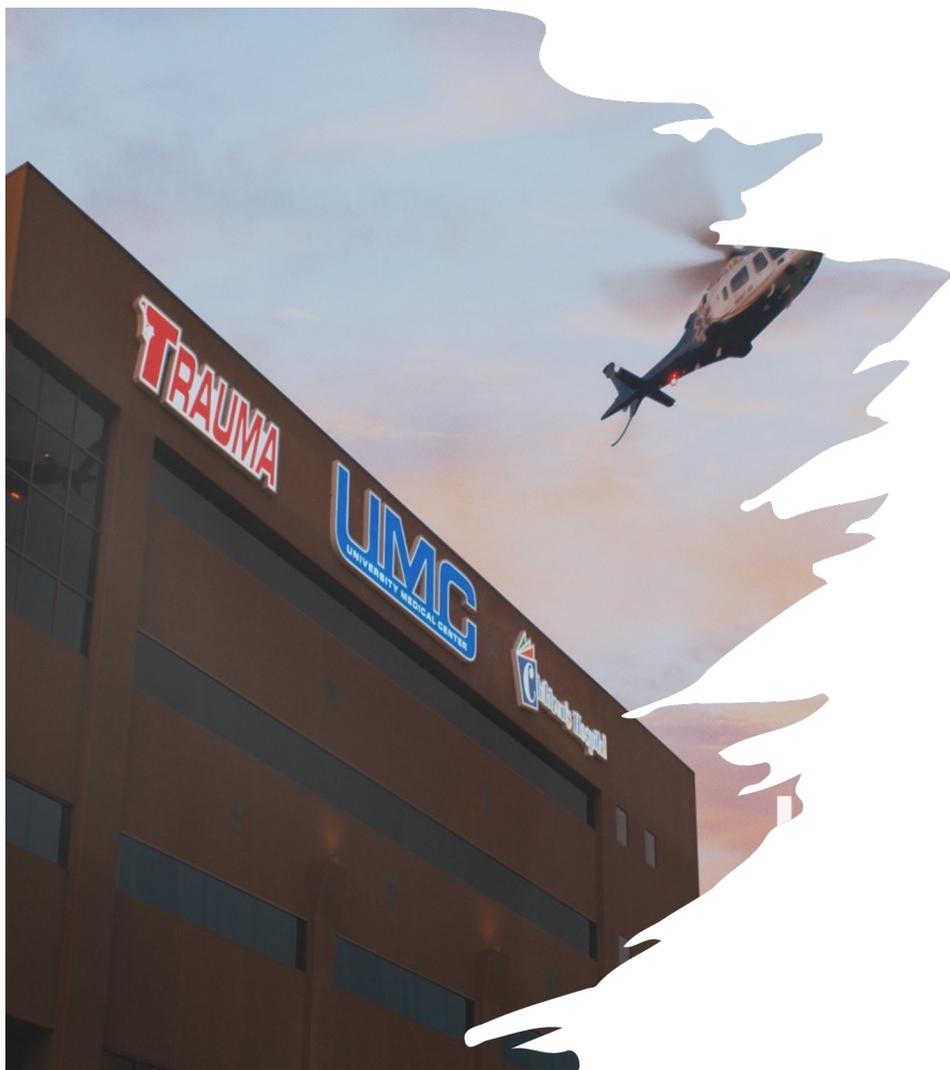
KIRK KERKORIAN  
SCHOOL OF MEDICINE

UNLV

# WHO WE ARE



- Kirk Kerkorian School of Medicine – opened in 2017 as the 2nd allopathic medical school in Nevada; graduated our 3rd class
- 11 residency and 11 fellowship programs
- Fellows work closely with medical students and trainees from Emergency Medicine, General Surgery, Orthopedic Surgery, Plastic Surgery, ENT, Pediatric Emergency Medicine and Cardiology
- First AAST-approved Acute Care Surgery Fellowship, approved in 2008



# UMC TRAUMA CENTER

- In 2021 –
  - Treated over 13,000 patients
  - Admitted 5,000 with 30% having an ISS>15
  - 80% blunt and 20% penetrating
- Serves a 10,000 square mile area across 4 states
- Nevada's only Level 1 Adult Trauma Center
- Nevada's only Pediatric Trauma Center
- Nevada's only ABA-verified Burn Center
- Nevada's only Transplant Center
- Children's Hospital "within a hospital"

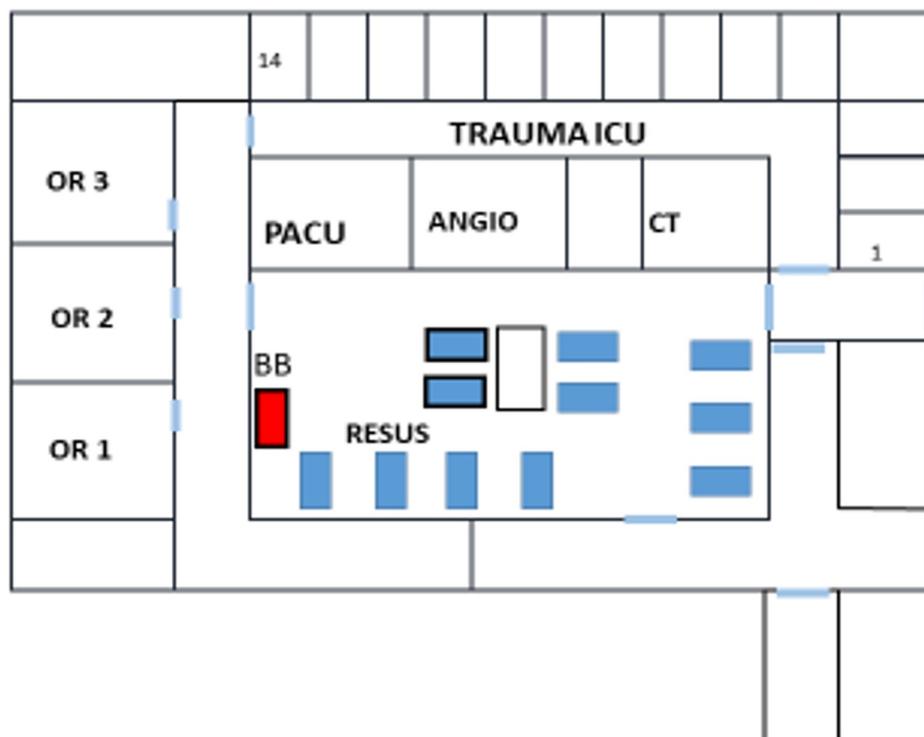
# TRAUMA RESUS

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- 11 bed resuscitation unit – separate from adult and pediatric ERs
- Staffed by ER physician and trauma team 24/7
- Dedicated CT scanner and IR suite
- 3 Trauma operating rooms
- Blood refrigerator in Resus with pRBCs and FFP
- Helipad on roof



# UMC Trauma Center



Distinct and separate from EC

## EM and Trauma Teams

### Dedicated Resources

11 Resuscitation Beds

14 Trauma ICU Beds

3 Trauma OR's

4 PACU Beds

CT Scanner

Angio Suite

## UMC Lions Burn Center

- ABA Verified Burn Center
- Syed Saquib, MD FACS - Burn Director
  - Burn Fellowship Johns Hopkins University
- ICU/IMC/Med Surg Individual Rooms
- Shower tables
- Physical Therapy Room
- Family Room
- Outpatient Burn & Wound Clinic
- Outreach & Prevention
- Other state of the art features





# MILESTONES IN THE FELLOWSHIP

Month	Year 1 - Surgical Critical Care	Year 2 – Acute Care Surgery
August	Start SCC Fellowship	Credentialed in General Surgery
September	Start Trauma Call	SCC Certifying Exam Attend AAST Annual Meeting
October	ABS Certifying Exam	Job Search begins
November		AAST In-Training Exam
December		
January	Apply for General Surgery Privileges	
February	Attend SCCM Meeting	
March	MCCKAP Exam	Mattox Meeting
April		
May	Trauma & Burn Survivor Luncheon	Trauma & Burn Survivor Luncheon
June	Apply for SCC Exam	AAST Final Exam
July		Graduation !!

# FEATURES OF THE FELLOWSHIP

- Year 2 – credentialed as an Instructor in Surgery
- Teaching opportunities throughout fellowship
- Lead a research project starting in the SCC year
- Participation in trauma PI/QI and hospital committees
- *Optional* Added Qualification in burn surgery

SCC		ACS
TICU		ACS
Med ICU 1		Elective
TICU		ACS
Med ICU 2		Thoracic
TICU		ACS
Burns		Trauma Systems
TICU		ACS
Elective		Burns
TICU		Thoracic
Peds		HPB
TICU		ACS
Trauma		ACS



# TRAUMA SYSTEMS





# TEACHING AND LEARNING



- Monday  
• Tuesday
  - Wednesday
  - Thursday
- Fellow-led Multidisciplinary TICU Rounds  
General Surgery QIC  
Fellows Conference (Includes ICU M&M)  
Opportunity to Participate Medical Student Didactics/Skills  
Trauma PI / Department Meeting  
Monthly G-60 Meeting  
Bi-weekly Research Meeting  
Fellow-led Multidisciplinary TICU Rounds

# RESEARCH

## **The Volume of Thoracic Irrigation Is Associated With Length of Stay in Patients With Traumatic Hemothorax**

Laura Crankshaw, MD,<sup>a</sup> Allison G. McNickle, MD, FACS,<sup>a,\*</sup>  
Kavita Batra, PhD, MPH,<sup>b</sup> Deborah A. Kuhls, MD, FACS,<sup>a</sup>  
Paul J. Chestovich, MD, FACS,<sup>a</sup> and Douglas R. Fraser, MD, FACS<sup>a</sup>

## **Are Self-Inflicted Stab Wounds Less Severe Than Assaults? Analysis of Injury and Severity by Intent**

Kyle Mock, MD,<sup>a</sup> Allison G. McNickle, MD FACS,<sup>a,\*</sup>  
Carmen E. Flores, MD,<sup>a</sup> Brandon Radow, MD,<sup>a</sup> Katie Velez, BS,<sup>b</sup>  
Deborah A. Kuhls, MD FACS,<sup>a</sup> Douglas R. Fraser, MD FACS,<sup>a</sup>  
and Paul J. Chestovich, MD FACS<sup>a</sup>

## **Emergent chest wall reconstruction for an incarcerated pulmonary hernia**

Allison G. McNickle, MD, Timothy Dickhudt, MD, Jorge A. Vega, MD, and Paul J. Chestovich, MD,  
Douglas R. Fraser, MD

## **A Pediatric Cervical Spine Clearance Guideline Leads to Fewer Unnecessary Computed Tomography Scans and Decreased Radiation Exposure**

Geoffrey P. Douglas, MD,\* Allison G. McNickle, MD,\* Stephanie A. Jones, DO,\* Mark C. Dugan, MD,†‡  
Deborah A. Kuhls, MD,\* Douglas R. Fraser, MD,\* and Paul J. Chestovich, MD\*

## **Higher risk of auto versus pedestrian crashes in school-age children on school days**

Chad Morrison, DO, Ty Olson, MD, Allison G. McNickle, MD, Douglas R. Fraser, MD, Deborah A. Kuhls, MD,  
Laura K. Gryder-Culver, MA, Samantha Slinkard-Barnum, MPH, Syed F. Saquib, MD, Joseph T. Carroll, MD,  
and Paul J. Chestovich, MD, Las Vegas, Nevada

## **Shot through the heart: A 17-year analysis of pre-hospital and hospital deaths from penetrating cardiac injuries\***

Christopher F. McNicoll, Allison G. McNickle, Danielle Vanderet, Purvi P. Patel,  
Patricia Souchon, Deborah A. Kuhls, Douglas R. Fraser, Paul J. Chestovich<sup>1,\*</sup>

# PROFESSIONAL DEVELOPMENT



- ATLS Courses
- Disaster Management and Emergency Preparedness (DMEP)
- PALS, ABLIS
- Cadaver Lab
- Advanced Life Support for Obstetrics (ALSO)
- Robotic training
- AAST Meet the Mentors
- Teach medical student lectures and skill labs
- Attend SCCM, AAST and Mattox Meetings

Thank you!  
Come Visit Us!



## Questions?

You are welcome to come visit us in person

- Deborah A. Kuhls, MD
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  - [susan.thompson@unlv.edu](mailto:susan.thompson@unlv.edu)

