UNLV
ACUTE CARE
SURGERY
FELLOWSHIP
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
Las Vegas Medical District

Medical Education Building - Opened Fall 2022

Includes Simulation Center and Cadaver Lab
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

- 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 EM

**EM and Trauma Teams**

**Dedicated Resources**

- 11 Resuscitation Beds
- 14 Trauma ICU Beds
- 3 Trauma OR’s
- 4 PACU Beds
- CT Scanner
- Angio Suite

UNLV School of Medicine
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

<table>
<thead>
<tr>
<th>Month</th>
<th>Year 1 - Surgical Critical Care</th>
<th>Year 2 – Acute Care Surgery</th>
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<tbody>
<tr>
<td>August</td>
<td>Start SCC Fellowship</td>
<td>Credentialled in General Surgery</td>
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<tr>
<td>September</td>
<td>Start Trauma Call</td>
<td>SCC Certifying Exam</td>
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<td></td>
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<td>Attend AAST Annual Meeting</td>
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<tr>
<td>October</td>
<td>ABS Certifying Exam</td>
<td>Job Search begins</td>
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<td>November</td>
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<td>AAST In-Training Exam</td>
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<td>December</td>
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<tr>
<td>January</td>
<td>Apply for General Surgery Privileges</td>
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<tr>
<td>February</td>
<td>Attend SCCM Meeting</td>
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<tr>
<td>March</td>
<td>MCCKAP Exam</td>
<td>Mattox Meeting</td>
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<td>April</td>
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<tr>
<td>May</td>
<td>Trauma &amp; Burn Survivor Luncheon</td>
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<td>June</td>
<td>Apply for SCC Exam</td>
<td>AAST Final Exam</td>
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<td>July</td>
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<td>Graduation !!</td>
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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
TRAUMA SYSTEMS
TEACHING AND LEARNING

- Monday: Fellow-led Multidisciplinary TICU Rounds
- Tuesday: General Surgery QIC Fellows Conference (Includes ICU M&M)
  Opportunity to Participate Medical Student Didactics/Skills
- Wednesday: Trauma PI / Department Meeting
  Monthly G-60 Meeting
- Thursday: 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, a, Allison G. McNickle, MD, FACS,a,* Kavita Batra, PhD, MPH, b Deborah A. Kuhls, MD, FACS,a Paul J. Chestovich, MD, FACS,a and Douglas R. Fraser, MD, FACSa

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

Allison G. McNickle, MD, Timothy Dickhaut, 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. Dagan, 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 Otson, MD, Allison G. McNickle, MD, Douglas R. Fraser, MD, Deborah A. Kuhls, MD, Laura K. Gryder-Culver, MA, Samantha Silankard-Barnum, MPH, Syed F. Saqib, 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. McNicoll, Danielle Vanderet, Purvi P. Patel, Patricia Souchon, Deborah A. Kuhls, Douglas R. Fraser, Paul J. Chestovich

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KIRK KERKORIAN SCHOOL OF MEDICINE
PROFESSIONAL DEVELOPMENT

• ATLS Courses
• Disaster Management and Emergency Preparedness (DMEP)
• PALS, ABLS
• 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

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