UC San Diego- Hillcrest Trauma Center
General Overview
Location

- UC San Diego Health
- Jacobs Medical Center
- Rady Children’s Hospital
- Kaiser Permanente
Leadership

• Laura Haines, MD
  – Surgical Critical Care Program Director
    • Since February 2020
  – ACS Program Director:
    • Since July 2021

• Jarrett Santorelli
  – Associate Program Director
    • Since July 2021

• Azniv Mattos
  – Program Coordinator
    • Since 2021
Faculty

ACS
- Jay Doucet
- Todd Costantini
- Jeanne Lee
- Leslie Kobayashi
- Allison Berndtson
- Laura Haines
- Jarrett Santorelli
- Jessica Weaver
- Laura Adams

Adjunct Faculty
- Matt Tadlock (Navy)
- Bruce Potenza (VA)
- Eric Olsen (Navy)

Pediatrics
- Romeo Ignacio

Cardiothoracic
- Patricia Thistlethwaite

Vascular
- Omar Al-Nouri

Hepatobiliary
- Gabe Schnickel

MIS/Robotics
- Daniel Klaristenfeld
Number of Fellows

- Annual NRMP Match Positions:
  - 3 Fellows
    - 2 AAST ASC Fellowship positions (2 year)
    - 1 Surgical Critical Care Fellowship position (1 year)

- First AAST ACS class enrolled in 2019, Graduating in 2021
  - Total number of graduates to date 4

Goal is to always have:
- 3 first year SCC Fellows
- 2 second year ACS Fellows

Burn Fellowship
- Available as a separate interview process
Day to Day Services

Emergency General Surgery

Rotations:
• Trauma
• Vascular (4 weeks)
• Hepatobiliary (4 weeks)
• Thoracic (4 weeks)

Electives:
• Burns
• Surgical Critical Care
• Pediatrics
• Research
• MIS-Robotic*
Day to Day

• Clinical Day
  – 6:45am Handover with all services, including faculty EGS/Trauma/SICU
  – 5pm Sign-out to on call faculty/fellow

• EGS:
  – Operative days Tuesday/Thursday
  – Wednesday afternoon follow-up clinic
  – Friday am new patient clinic

• Call
  – 2-3 Fridays a month on average
  – *restructuring for next year to increase to 3-4/month
Supervision - Call

• 1st and 2nd year on call fellow is always listed as the attending
  – Responsible for:
    • Trauma, SICU, EGS, transfer calls
    • Back up for OB emergencies/deliveries at night

• 1st year, SCC fellow
  – In-house call: Thursday, Saturday or Sunday
  – Back-up call M-Th

• 2nd year, ACS fellow
  – In-house call: Fridays
  – Occasional weekdays depending on service
  – Goal 3-4 calls per month
Supervision - Call

1\textsuperscript{st} year: Level I supervision

- First to call, all consults & resident questions always on with faculty in-house

2\textsuperscript{nd} year:

- **Phase I:**
  - 2-3 months, with faculty in-house (credentialing/proctoring period)
  - After credentialing is complete
    - Faculty meet and all must agree they are ready to advance
  - Fellow’s take in-house call with attending back-up from home
    - Fellows touch base with faculty for all operative cases
    - Faculty will often come in to ensure adequate resources/trauma bay coverage ***
  - 3-6 months: Direct supervision for all complex EGS cases defined as those listed in the operative curriculum.

- **Phase II:** (~Month 4-9)
  - All complex general surgery/trauma operations, or any EGS operative curriculum case not done previously
  - Low acuity type IIA/B or III (ie appy, chole, ex laparoscopy, abscess/wounds, uncomplicated hernias, EUA)

- **Phase III:** (~Last 3 months)
  - Low to moderate complex EGS/Trauma – level II A/B, III ***
  - All Complex/high acuity EGS/Trauma or curriculum cases not previously logged require direct supervision
Supervision

- Elective surgical clinic concomitant with EGS faculty of the week
  - Elective surgical cases booked and done by the fellows
    - Division block time available
  - Faculty of the week available for level IIa/b supervision
  - Mostly level III after proctoring is complete
Additional Call

CT Surgery:
• Home call 2-3/week for all consults, inpatient clinical issues & operative needs. (Come into hospital ~1-2nights/week)
• Donor call all nights except 4 of their choosing.
• Get to participate in all operations, procurements, lung and heart transplants, ECMO canulations

Hepatobiliary:
• 1/week
• Split call with the senior resident for liver & kidney transplants
• Donor call all nights except 4 of their choosing.

Vascular:
• Home-call when the HC attending is on
Education and Conferences

• Tuesdays:
  – Biweekly Division meeting, Trauma and EGS PI
  – Meet the Mentors
  – Monthly Radiology Case review
  – Monthly EM/Trauma conference

• Wednesday
  – Department of General Surgery MM/Grand Rounds
  – Ethics Rounds

• Thursday
  – Didactic/Case Review Conference: Trauma, EGS topics

• Thursday
  – Journal Club: SCC/EGS
  – Research Meeting

• Friday
  – Ortho/Trauma Conference
Funding Structure

- Salary & Benefits are paid by the division
- Clinical Instructors with full privileges
  - Fellow bills
    - Hospital visits
    - Critical care
    - Consults
    - Procedures/Cases
  - Elective practice
    - Out-patient visits
    - Elective surgical cases
- Potential for bi-annual bonus
Fellows and Chiefs

- ...not a problem
- No service overlap
- No call overlap
Strengths of the program

• Strong core faculty with broad interests clinically and academically

• Strong support from subspecialty services, invested in the program
  – The vascular team has allowed fellows to pick up additional time on service.

• Elective surgical practice

• Independent call and autonomy

• Fellows and Chief residents are not assigned to service together
Struggles….or opportunities waiting to happen

• Need to make them take more call
• Strengthen the ultrasound/echo experience
• MIS/Robotics experience
What makes us unique

- Direct to OR resuscitation
- Trauma Center Separate from the ED
- Heart, Lung, Liver, Kidney Transplant exposure and procurements
- Pediatric Elective
- Burn Experience

Rady Children's Hospital-San Diego®
Educational Courses
Thank you!