



SHOCK TRAUMA ORTHOPAEDICS

R ADAMS COWLEY SHOCK TRAUMA CENTER ORTHOPAEDIC TRAUMATOLOGY FELLOWSHIP

22 S. Greene Street, Baltimore, MD 21201



History Of STC:



The R Adams Cowley Shock Trauma Center at the University of Maryland was established in 1969. Dr. Cowley's pioneering vision of a fully-integrated statewide system of trauma care led to the development of arguably the most highly-evolved system for the delivery of trauma care in the world.

STC receives approximately 6600 primary trauma admissions annually of which 40% arrive by air and 60% by ground, a high proportion of which have multi-organ system injuries.

The Division of Orthopaedic Traumatology at the University of Maryland consists of 8 fellowship trained orthopaedic traumatologists who perform approximately 3000 cases annually. The five orthopaedic trauma fellows at Shock Trauma reap the benefits of this unparalleled volume of high-energy traumatic injuries in a highly academic yet clinically-oriented setting.

What To Expect At STC:

Objectives of Shock Trauma Fellowship

Our goal is to produce leaders in academic orthopaedic traumatology who are committed to patient care, education and the advancement of orthopaedic trauma knowledge. We emphasize clinical excellence in the management of complex patients and injury patterns, provide a rigorous didactic teaching program and a fully-mentored and structured research experience. In so doing, we produce fellows who are equally well-prepared to excel as clinicians, educators and researchers in the field of orthopaedic trauma.

Clinical Education

Our ACGME-accredited fellowship provides the ideal combination of exposure to a high volume of complex orthopaedic traumatic injuries in a setting which encourages independence and autonomy but with direct supervision and attending support always readily available. Fellows participate directly in initial evaluation, preoperative planning, and surgical treatment of patients undergoing treatment for acute traumatic injuries as well as a range of reconstructive procedures, including post-traumatic joint replacement, correction of nonunions/malunions and osteomyelitis.

As a result of their experience here, fellows graduate the program confident in their expertise in managing complex polytrauma patients and the high-energy musculoskeletal injuries they sustain including pelvic and acetabular fractures, complex periarticular and upper extremity fractures, and a wide range of reconstructive cases.

Non-operative training includes daily participation in rounds and a ½ day of clinic per week. Fellow call is taken from home and all cases are presented to the fellows by the in-house residents for early management decisions.



Surgical Case Volume (01/01/2009-12/31/2009)

Acetabulum	154	Pilon	80
Pelvic Ring	68	Ankle	148
Femoral Shaft	159	Talus	41
Tibial Shaft	158	Calcaneus	42
(55% open)		Humeral Shaft	43
Distal Femur	56	Distal Humerus	41
Tibial Plateau	104	Forearm	95
Proximal Femur	87	Distal Radius	134
Femoral Neck	52	Nonunion	72
Ring Fixation	20		

What To Expect At STC (continued):

Didactic Education

Fellows are active participants in the clinical training and didactic education of housestaff from a number of programs who rotate through Shock Trauma for their orthopaedic trauma experience. This diversity provides orthopaedic trauma fellows with a unique opportunity to hone their skills as clinical educators as they perform an integral role in the training of residents from a variety of backgrounds.

Our daily morning conference includes presentation and review of all fractures, operative and non-operative, treated by the service. Every case the fellow performs during the year will be reviewed by the faculty at our morning conference providing an outstanding opportunity for critical feedback.

Our case review is followed by a didactic educational program which includes a regular schedule of classic paper presentations, resident and fellow case presentations, a

preoperative planning conference, and “chalk talks” and formal power point presentations by the attendings. In addition, we have a monthly series of sawbones labs and cadaver dissection/surgical approach labs.

Research:

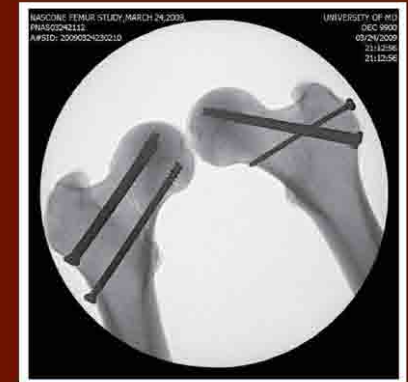


The program prides itself on a strong research educational program focused on providing the skills needed to contribute as an academic orthopaedic traumatologist as well as to interpret the emerging literature in our ever changing field. Each fellow is required to submit the results of their research as a manuscript to a peer reviewed journal.

The division boasts a strong track record of success for fellow research projects as well as a high level of academic production overall. Our resources include 3 full time research coordinators, a well

equipped biomechanics lab with full time biomechanics faculty dedicated to orthopedic trauma projects, a prospective trauma database, and an ongoing rich collaborative relationship with cutting-edge public health researchers within the Johns Hopkins University, Bloomberg School of Public Health.

The division has produced 71 presentations during the last 5 OTA and AAOS meetings. We are involved in multiple prospective randomized trials which include our own trials as well as providing a leadership role in the newly formed DOD sponsored METRC trials. The



division is proud to have dedicated faculty with over \$3.5M of independent funding (DOD, OREF, industry and others) with significant experience in research and dedication to mentoring the next generation of orthopaedic academic traumatologists.

About The City Of Baltimore:

Baltimore is a city of roughly 600,000 that boasts many of the advantages of an eastern seaboard city without the overwhelming size of its neighbors on the east coast. The coastal location makes the weather relatively temperate with winters averaging 18 inches of snowfall (avg. number of snowy days is 10; avg. high in Feb is 45°F avg. low is 29°F). Our fellows are typically split amongst those with and without children and the city is well suited to either situation. There is a vibrant nightlife and social scene, an outstanding and eclectic collection of dining experiences and a strong network of family support. Urban living that maintains a small-town feel typifies the Baltimore experience

and many young professionals as well as families with young children reside within the city.

The city has many outstanding attractions including the Inner Harbor and easy access to the Chesapeake Bay, the National Aquarium, Maryland Science Center and the newly developed Harbor East retail, dining and entertainment area which are all within walking distance of the hospital. The Baltimore Orioles baseball team plays home games at Oriole Park at Camden Yards, one of the nation's premier ball parks a block from STC. Baltimore Ravens home games are played at M&T Bank Stadium just down the street.





Other nearby attractions include the Babe Ruth Museum, the Visionary Arts Museum, the Walters Art Gallery, the Baltimore Museum of Art, and Fort McHenry where Francis Scott Key first penned the national anthem, all of which are easily accessible from the University of Maryland, Baltimore. The newly completed Student Center directly across the street from the hospital includes excellent dining alternatives to the hospital cafeteria as well as a state-of-the-art gym and indoor pool. Membership to this facility is provided to incoming fellows for the year at the division's expense. The waterfront promenade which extends from the nearby Federal Hill neighborhood, through the Inner Harbor, Fell's Point and

Canton waterfront neighborhoods is a popular running route. Other nearby venues for outdoor activities including running, road and mountain biking and roller blading include Loch Raven reservoir to the north and Patapsco State Park to the south.

Baltimore's thriving restaurant scene is concentrated primarily in the downtown neighborhoods of Federal Hill, Mt. Vernon, Fell's Point and Canton but also within reach are the culinary and cultural centers of Washington D.C. (39 miles away), Philadelphia (102 miles away), and New York City (192 miles away) all easily accessible by either car or train.

Past Fellows:

Jean Claude D'Alleyrand, MD ('10)
Walter Reed Army
Medical Center
Washington, DC

Elan Goldwyn, MD ('10)
New York Hospital Queens
Flushing, NY

Julie Keller, MD ('10)
Elite Orthopaedics
Patterson, NJ

Swapnil Shah, MD ('10)
Highland Hospital
Oakland, CA

Sara Strebe, MD ('10)
Acute Orthopaedic Care Specialists
Plano, TX

Brent Bauer, MD ('09)
Acute Orthopedic Care Specialists
Plano, TX

Robert Golden, MD ('09)
Washington Hospital Center
Washington, DC

Michael Hawks, MD ('09)
Florida Hospital
Orlando, FL

Bryant Oliphant, MD ('09)
Detroit Medical Center
Detroit, MI

Joseph Strauss, DO ('09)
Walter Reed National Military
Medical Center
Bethesda, MD

Christopher J. Doro, MD ('08)
University of Wisconsin
Madison, WI

Daren P. Forward, FRCS ('08)
Nottingham University Hospitals
Nottingham, England

Theodore Manson, MD ('08)
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Steve Quinan, MD ('08)
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Miami, FL

John Floyd ('07)
Medical Center of Central Georgia
Macon, GA

Andrew Furey ('07)
Memorial University of
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St. John's, Newfoundland, Canada

George Partal ('07)
Eastern Maine Medical Center
Bangor, ME

Jeff E. Schulman ('07)
Inova Fairfax Hospital
Fairfax, VA

John Boudreau, MD ('06)
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Saint Louis, MO

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Saint Joseph's Hospital
Wayne, NJ

James DeBritz, MD ('06)
Washington Hospital Center
Washington, DC

Clement M. L. Werner, MD ('06)
University of Zurich
Zurich, Switzerland

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Beth Israel Deaconess
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Daniel Sheerin, MD ('04) Orthopedic
Health Care Northwest
Eugene, OR

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Timothy Harris, MD ('03)
North Carolina State University
Raleigh, NC

Amir Matityahu, MD ('03)
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at San Francisco
San Francisco, CA

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Knoxville, TN

Lisa Cannada, MD ('02)
University of Texas Southwestern
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Dallas, TX

Richard Islinger, MD ('02)
Walter Reed National Military
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Johns Hopkins Bayview Medical
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Baltimore, MD

Kyle Watford, MD ('02)
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Columbia, SC

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Stony Brook, NY

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North Vancouver, BC

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Memphis, TN

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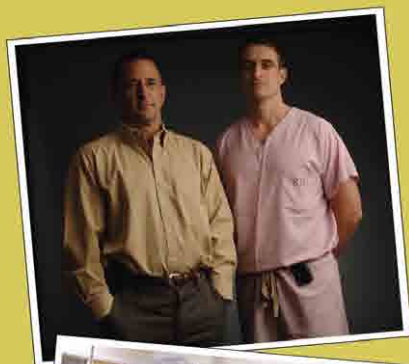
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Professor - Chief, Division of
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Christopher LeBrun, MD
Assistant Professor



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