

Justin Sleeter, Capt., USAF

EDUCATION

- San Antonio Military Medical Center May. 2017 – Present
 - General Surgery Resident
- Keck School of Medicine of USC, Los Angeles, CA Aug. 2013 – May. 2017
 - M.D.
- United States Air Force Academy (USAFA), Colorado Springs, CO Class of 2013
 - B.S. in Biology – GPA 3.9
 - Minor in Japanese Language
- Baylor University, Waco, TX Aug. 2008 – May 2009

SURGICAL EXPERIENCE

- Total Case Numbers >1200 Major Cases July 2017- Present

RESEARCH EXPOSURE

AIRMED Lab, San Antonio, TX

Jun. 2019 – Jul. 2020

- Actively involved multiple animal studies exploring regeneration interventions with Bone defects, Limb preservation, and nerve regeneration.

Keck School of Medicine of USC, Los Angeles, CA

Oct. 2014 – May. 2017

- Actively involved in the spatial mapping of peroxisome gene expression within the human brain utilizing the Allen Brain Atlas

United States Air Force Academy, Colorado Springs, CO

Oct. 2012 – Apr. 2013

- Effectively analyzed the potential risks of deer-to-vehicle collisions by collecting and assessing data on deer-proximity-to-roadways and deer-road-crossings using radio-collared (LOTEK Wildcell) mule deer. Utilized both static and time-sequenced ARCGIS methods.

Grand Canyon National Park, AZ

Jun. 2012

- Successfully performed risk assessment for plague and West Nile virus in Grand Canyon National Park by testing collected fleas using the Ruggedized Advanced Pathogen Identification Device. Conducted PCR analysis and tested mosquitoes using Vec Test.

LEADERSHIP & WORK EXPERIENCE

General Surgery Residency: Brooke Army Medical Center

Present

- Successfully completed four years of clinical training
 - >1300 Major surgical cases
 - ABSITE >90 Percentile in 2018, 86 Percentile 2019, 89 Percentile 2020, 83 Percentile 2021, 91 Percentile 2023
- QIPS/Mortality and Morbidity Chief Resident
 - Runs the weekly M&M conference, selects appropriate cases to be discussed, and analysis of trends/outcomes
 - Increased number of submissions by revamping submission process by 3x

Military Leadership: United States Air Force Academy, Colorado Springs, CO

- Squadron Commander Spring 2013
 - #1 ranked senior in squadron of over 100 cadets
 - Key Duty: Responsible for squadron's long term planning & daily execution of training ensuring objectives are met
- Squadron Superintendent Spring 2012
 - #1 ranked junior in squadron of over 100 cadets
 - Key Duty: responsible for squadron accountability and training
- Academics NCO Fall 2011
 - Created study programs and arranged for tutors for the squadron
- Operations Clerk Spring 2011
 - Managed the records of all the cadets in squadron
- Academics Clerk Fall 2010
 - Tutored classmates

Technology Liaison Officer: National Character and Leadership Symposium

United States Air Force Academy, Colorado Springs, CO

Nov. 2012

- Coordinated premier national symposiums in the field of character and leadership development.
- Showcased distinguished scholars, military leaders, corporate presidents, world-class athletes, and others to explore a character-related theme based on the USAFA outcomes.

Intern - Operation Air Force: Ramstein Air Force Base, Germany

Jul. 2011

- Shadowed doctors and nurses in the departments of surgery and urology at Landstuhl Regional Medical Center. Observed operations and treatments on soldiers injured in Iraq and Afghanistan. Developed a strong interest in trauma and surgery.

Extracurricular

- Officer of the Keck School of Medicine Basketball Club 2014 – 2015
- Member/founder of Resident Band (The Midnight Takebacks) 2022 – Present

AWARDS & DISTINCTIONS

- ABSITE >90 Percentile in 2018, 86 Percentile 2019, 89 Percentile 2020, 83 Percentile 2021
- Member, Alpha Omega Alpha Medical Honor Society 2017 – Present
- Clinical Honors 2015 – 2016
 - Psychiatry
 - General Surgery
 - Surgery Subspecialty
 - Ob/Gyne
- Graduated as Distinguished Graduate of the United States Air Force Academy May 2013
 - Top 10% of class (rank 14 of 1024)
- Awarded Outstanding Cadet in Biology for the class of 2013 May 2013
 - Awarded for achieving the rank of 1 of all biology majors
- Awarded Outstanding Cadet for achieving the highest grade in 9 courses 2009 – 2013
 - Anatomy and Physiology
 - Applied Ecology
 - Biology Capstone Seminar
 - Biology Independent Study
 - Botany
 - Chemistry 110
 - Genetics
 - Principles of Ecology
 - Vertebrate Zoology
- United States Air Force Academy Academic Ace Fall 2012
 - Awarded for being one of only 15 cadets within the 4007-member cadet wing to achieve a perfect 4.0 GPA

PUBLICATIONS AND PRESENTATIONS

RESEARCH PUBLICATIONS

1. Veraza RJ, Lopez R, Parry O, **Sleeter J**, Cano I, Bohara U, Merlo J, Jessop I, Weitzel E, Bunegin L. Proof of concept study for a closed ex vivo limb perfusion system for 24-hour subnormothermic preservation using acellular perfusate. *J Trauma Acute Care Surg.* 2022 Aug 1
2. Stigall KS, **Sleeter JJ**, Thomas SB, Schechtman DW, Blough PE, Rall JM, Kauvar DS. Performance of a novel temporary arterial shunt in a military-relevant controlled hemorrhage swine model. *J Trauma Acute Care Surg.* 2021 Aug 1
3. Lundy J, Sparkman BK, **Sleeter JJ**, Steinberger Z, Remick KN. Ultramobile Surgical Set for Austere Damage Control Surgery. *JSOM.* 2021
4. Johnston LR, Nam JJ, Nissen AP, **Sleeter JJ**, Aden JK, Mills AF, Sams VG. Admission Forced Vital Capacity Adds a Predictive Physiologic Tool to Triage Patients Suffering Rib Fractures: A Prospective Observation Trial. *J Spec Oper Med.* 2023 Mar 15

RESEARCH PROTOCOLS

1. Protocol C.2020.018e /eIRB 918046 Sub-Normothermic Preservation of a Vascularized Human Adipocutaneous Flap With and Without Radio Frequency Exposure. PI: Weitzel.

PODIUM PRESENTATIONS (SELECTED)

5. Sleeter JJ, Steinberger Z, Sparkman B, Remick K, Lundy J. Austere Damage Control Surgery: Ultra-mobile Surgical Set. Charlotte, NC. SOMA 2021
6. Sleeter JJ, Parry OG, Yracheta J, Sippel M, Salas MM, Zhang W, Taboas J, Chen J, Swenson T, Almarza A, Weitzel EK. Novel Delivery System of TGF β -1 Utilizing Implantable Bone Regeneration Device for Compromised Wounds in a Swine Model (*Sus scrofa*). Houston, TX. STACS 2020.
7. Sleeter JJ, Nissen AP, Hickerson AT, Hall T, Aden J, Mills A, Sams VG. Rib Fractures and Forced Vital Capacity: A Preliminary Study 2020 South Texas ACS. Houston TX.
8. Sleeter JJ, Parry OG, Stigall K, Rall J, Kauvar DS. REBOA and Resuscitative Thoracotomy in Patients with Abdominal Solid Organ Injury: Results from the AAST Aortic Occlusion for Resuscitation in Trauma and Acute Care Surgery Registry. 2020 American College of Surgeons Committee on Trauma Air Force Paper Competition Runner Up. San Antonio TX.
9. Sleeter JJ. Unangst T. A Risk Assessment of Road Proximity and Road Crossings of Radio-Collared Mule Deer (*Odocoileus hemionus*) on the U.S. Air Force Academy. Colorado Springs, CO. Colorado State University Research Foundation 2013

POSTERS (SELECTED)

1. Sleeter JJ, Parry OG, Stigall K, Rall J, Kauvar DS. REBOA and Resuscitative Thoracotomy in Patients with Abdominal Solid Organ Injury: Results from the AAST Aortic Occlusion for Resuscitation in Trauma and Acute Care Surgery Registry. 2020 SAUSHEC Research Day. San Antonio TX.
2. Sleeter JJ, Parry OG, Yracheta J, Sippel M, Salas MM, Zhang W, Taboas J, Chen J, Swenson T, Almarza A, Weitzel EK. Novel Delivery System of TGF β -1 Utilizing Implantable Bone Regeneration Device for Compromised Wounds in a Swine Model (*Sus scrofa*). 2020 Boswick Symposium. Maui HI.
3. Sleeter JJ. Hacia J. Spatial Mapping of Peroxisome Gene Expression in the Human Brain. 2015 Annual Medical Student Research Forum. Los Angeles, CA.
4. Sleeter JJ. Hale D. Disease Assessment of Grand Canyon National Park, 2012 Cadet Summer Research Program Symposium. Colorado Springs, CO.

LECTURES

1. Lecture, "Prevention of Ischemia-Reperfusion Injury and Chronic Rejection in a Porcine Vascularized Composite Allotransplantation Model," DARPA Biostasis Program USAISR Site visit 2019.

LANGUAGE/SKILLS/SPECIAL INTERESTS

Japanese Language Immersion: Wakayama and Fukuoka, Japan Jun 2010, Jun 2011

- Traveled to Japan on two separate 4 week language immersion programs to learn the language.
- Engaged with Japanese students from various colleges, such as Kyusyu University in order to better understand their culture.

Combat Survival Training: United States Air Force Academy, Colorado Springs, CO Jul. 2010

- Learned outdoor survival techniques and over-land navigation methods through three-week outdoor survival-training course

Percussionist 2002 - Present

- Performed as a percussionist and drummer in many different musical groups. Most notably as marching snare drummer in Baylor Universities Golden Wave Band, USAFA Drum and Bugle corps, and the drum and bagpipe group Drums of War. The drummer for the Moderator Band composed of four members from the class of 2017 at the Keck School of Medicine. The drummer for Midnight Takebacks composed of fellow residents at Brooke Army Medical Center