



**2018 Resident Grant Recipients**  
**January 1, 2018 – December 31, 2018 Grant Cycle**  
**Resident Grant Recipients**

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**Grant Title:** Engineered Approaches for Muscle Repair to Promote Concurrent Bone Regeneration

**Principal Investigator:** Augustine Mark Saiz, Jr., M.D.

**Co-Investigator:** Kent Leach, MD, Mark Lee, MD

**Amount Funded:** \$20,000

**Grant Funded by:** OTA/DePuy

**Grant Title:** Identifying Optimal Soft Tissue Coverage for Masquelet Bone Grafting Technique

**Principal Investigator:** Karan Shaileshkumar Patel, MD

**Co-Investigator:** Philipp Leucht, MD

**Amount Funded:** \$20,000

**Grant Funded by:** OTA/FOT

**Grant Title:** Effect of Peri-articular Hardware on Peak Contact Pressures across the Knee Joint

**Principal Investigator:** Michelle Gosselin, BS, MD

**Co-Investigator:** Anna Miller, MD

**Amount Funded:** \$20,000

**Grant Funded by:** OTA/DePuy

**Grant Title:** The Effect of Marijuana Smoke Inhalation on Fracture Healing

**Principal Investigator:** Bennet Arthur Butler, MD

**Co-Investigator:** Michael Stover, MD

**Amount Funded:** \$16,650

**Grant Funded by:** OTA/FOT

**Grant Title:** A Biomechanical Study Comparing Dual Mini Fragment Plating of Clavicle Fractures with Superior Pre-contoured Plating

**Principal Investigator:** Daryl Brian Dillman, MD, MPH

**Co-Investigator:** Andrew Trenholm, MD

**Amount Funded:** \$8,711

**Grant Funded by:** OTA/FOT

**TOTAL RESIDENT GRANTS AWARDED: \$85,361**