

OTA 2016 GRANT AWARDS (Grant Cycle: 1/1/2016 – 12/31/2016)

Clinical Research Grant (up to \$40,000/year, 2 year grant cycle)

Title: The DECIPHER Study: DEterminants of Function and Clinically Important outcomes in Proximal Humerus Fractures in the Elder Population: A North American Prospective Cohort

PI: Emil H Schemitsch, MD, FRCSC

Co-PI: Michael D McKee, MD, FRCSC

Awarded Funds: \$87,765

Funded by: OTA/COTA/Smith & Nephew

Basic Research Grants (up to \$50,000 with \$25,000/year max up to 2-year grant cycle)

Title: Antimicrobial Blue Light Therapy for Treatment of Post-traumatic Implant-related Infections in Orthopedics

PI: Tianhong Dai, Ph.D.

Co-PI: Mark S Vrahas, M.D

Awarded Funds: \$50,000

Funded by: OTA/Zimmer

Title: The Effects of Locally Delivered Bone Marrow-Derived Cells on Fracture Healing in a Diabetic Rat Model

PI: Emil H Schemitsch, MD

Co-PI: Aaron Nauth, MD

Awarded Funds: \$50,000

Funded by: OTA/DePuy Synthes

Title: Does Time to Administration or Duration of Treatment with the Mast Cell Stabilizer, Ketotifen Fumarate, Effect Post-traumatic Joint Contractures?

PI: Prism S Schneider, MD, PhD

Co-PI: Kevin A Hildebrand, MD

Awarded Funds: \$49,991

Funded by: OTA/Zimmer

Title: Evaluation of Local Tissue Concentrations and Bioactivity of Vancomycin Eluted from PMMA Implants in an Ovine Fracture Healing Model.

PI: Thomas P Schaer, VMD

Co-PI: James Krieg, MD

Awarded Funds: \$49,800

Funded by: OTA

Direct Topic Research Grants (up to \$50,000/year max up to 3-year grant cycle)

Title: Decreasing Systemic Inflammation to Improve Fracture Healing in Polytraumatized Rats

PI: Todd O McKinley, MD

Co-PI: Christopher H. Pape, MD

Awarded Funds: **\$117,234**

Funded by: OTA

TOTAL AWARDED: \$404,790