
Directed Topic Clinical Study (up to $50,000/year, 3-year funding cycle)
(Proximal Humerus Fractures, Economic Outcomes in Trauma Care, Clinical Trial Re-evaluation of non-operative problems, Effect of non-operative post surgical therapy in trauma)

Title: Decreasing Long Term Complications and Cost Following Hip Fracture using a Medical Home Concept (MHC)
P1: Wade Smith, MD
Co-P1: Jove Graham, MD
Requested Funds: $97,785
Grant Funded by: AONA/OTA

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

Title: Multidisciplinary Care of the Geriatric Patient with Fractures Below the Hip
P1: Gregory Della Rocca, MD, PhD
Co-P1: Yvonne Murtha, MD
Requested Funds: $61,038
Grant Funded by: DePuy/OTA

Title: Prevalence of Abuse With An Intimate Partner Violence Surgical Evaluation (P.R.A.I.S.E.)
P1: Brad Petrisor
Co-P1: Mohit Bhandari
Requested Funds: $30,000
Grant Funded by: Zimmer/OTA

Title: Effects of the Presence of Microbial Biofilms on the Healing of Osseous Fractures Treated With Internal Fixation
P1: Daniel Altman
Co-P1: Greg Altman
Requested Funds: $75,000 (note: requested $80,000)
Grant Funded by: Medtronic/OTA

Basic Research Grants (up to $25,000, 1 year grant cycle)

Title: Heterotopic Ossification in an Animal Extremity Blast Model
P1: Robert O'Toole
Co-P1: Vincent Pellegrini
Requested Funds: $25,000
Grant Funded by: AONA/OTA

Title: The Synergistic Effects of VEGF on BMP-induced Osteogenic Differentiation of Bone Marrow Stem Cells
P1: Quanjun Cui
Co-P1: Gary Balian
Requested Funds: $25,000
Grant Funded by: Synthes/OTA

Title: Engineering the Bioactivity of Absorbable Magnesium Implants for Fracture Fixation and Bone Defect Scaffolds: The Effect of Calcium Phosphate Coatings on In-Vitro Biocorrosion and Osteogenic Differentiation of Mesenchymal Stem Cells
PI: Lawrence Bone
Co-PI: Shuying Yang
Requested Funds: $25,000
Grant Funded by: DePuy/OTA

Title: Endothelial Progenitor Cells for Healing and Angiogenesis in a Segmental Bone Defect Model: A Comparison With Mesenchymal Stem Cells
PI: Aaron Nauth
Co-PI: Emil Schemitsch
Requested Funds: $25,000
Grant Funded by: Smith Nephew/Zimmer

Title: Preferential Peroneal Nerve Palsy after Posterior Hip Dislocation and Acetabular Surgery: A Cadaveric Study
PI: Ivan Tarkin
Co-PI: Hans-Christoph Pape
Requested Funds: $25,000
Grant Funded by: Zimmer

TOTAL AWARDS: $388,823