



2011 Resident Grant Recipients
January 1, 2011 – December 31, 2011 Grant Cycle
\$10,000 Resident Grant Recipients

Principal Investigator: Brian C. Werner, M.D.

Co-Investigator: Frank H. Shen, MD

Grant Title: Human Adipose-Derived Stem Cells in a PLGA Nanofiber Scaffold for Spine Fusion

Principal Investigator: Dennis S. Meredith, M.D.

Co-Investigator: Joseph M. Lane, M.D.

Grant Title: The Effect of CT Scan Resolution on Fragility Fracture Risk Assessment Using the Heterogeneity of Bone Tissue Mineral Density

Principal Investigator: Scott Hadley, M.D.

Co-Investigator: Kenneth A. Egol, M.D.

Grant Title: The Role of Ankylosis Protein in Bone Healing

Principal Investigator: Eric F. Swart, M.D.

Co-Investigator: Melvin P. Rosenwasser, M.D.

Grant Title: A Complete Analysis of the Costs of Distal Radius Fractures

Principal Investigator: Sasha Carsen, M.D.

Co-Investigator: Feibel John Robert, M.D.

Grant Title: Post-Operative Radiographic Outcomes of Closed Diaphyseal Femur Fractures Treated with the SIGN Intra-Medullary Nail

Principal Investigator: Marie E. Walcott, M.D.

Co-Investigator: John J. Wixted, M.D.

Grant Title: Role of Htra1 in the Transition from Cartilage to Bone in Fracture Healing

Principal Investigator: Josh Murphy, M.D.

Co-Investigator: Bruce H. Ziran, M.D.

Grant Title: Mechanical Competence of Antibiotic-Laden, Bioabsorbable Bone Cement

Principal Investigator: Britt Miller, M.D.

Co-Investigator: Bruce H. Ziran, M.D.

Grant Title: The Utility of Reprocessed Drill Bits for Surgery; Performance Characterization of OEM, Used, and Reprocessed

Principal Investigator: Matthew J. Dietz, M.D.

Co-Investigator: David F. Hubbard, M.D.

Grant Title: Vascularity of the Lateral Tibial Plafond After Ankle Fracture-Dislocation

Principal Investigator: Benjamin C Taylor, M.D.

Co-Investigator: Kevin J. Pugh, M.D.

Grant Title: A Biomechanical Evaluation and Comparison of 6.5mm Cannulated Headless Compression Screws

Principal Investigator: Sanjit Konda, MD

Co-Investigator: Kenneth A. Egol, MD

Grant Title: CT Scan to Detect Intra-articular Air in Knee Joint - A Cadaver Model to Determine a Low Radiation Dose Imaging Protocol