



**2012 Resident Grant Recipients**  
**January 1, 2012 – December 31, 2012 Grant Cycle**  
**\$10,000 Resident Grant Recipients**

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**Principal Investigator:** Scott Koenig, MD

**Co-Investigator:** Paul Tornetta, MD

**Grant Title:** Analysis Of Lateral Fluoroscopic Imaging To Assess The Quality Of Ankle Syndesmotoc Reduction

**Requested Funding:** \$10,000

**Principal Investigator:** Tom Chao, MD

**Co-Investigator:** David P. Zamorano, MD

**Grant Title:** A Novel Method For Preservation Of The Neuromuscular Junction Using An Inhibitor To MMP-3

**Requested Funding:** \$8,000

**Principal Investigator:** Alison Kitay, MD

**Co-Investigator:** Charles N. Cornell, MD

**Grant Title:** The Canonical Wnt Signaling Pathway Plays A Critical Role In The Etiology Of Age-Related Impaired Fracture Healing

**Requested Funding:** \$10,000

**Principal Investigator:** Clifford Lin, MD

**Co-Investigator:** Emil Schemitsch, MD

**Grant Title:** Effects of Endothelial Progenitor Cell Therapy on Diabetic Rat Fracture Healing

**Requested Funding:** \$10,000

**Principal Investigator:** Adam Wilson, MD

**Co-Investigator:** Francis H. Shen, MD

**Grant Title:** Human Adipose-Derived Stem Cells In Three-Dimensional Multicellular Aggregates As Autograft For Spinal Fusion: An In Vitro And In Vivo Study

**Requested Funding:** \$10,000

**Principal Investigator:** David Wasserstein, MD

**Co-Investigator:** Richard Jenkinson, MD

**Grant Title:** Complications And Re-Operation After Tibial Plateau Fracture Fixation In A Large Population Cohort.

**Requested Funding:** \$10,000

**Resubmitted**

**Principal Investigator:** Scott Yang, MD

**Co-Investigator:** Quanjun Cui, MD

**Grant Title:** Modulation Of The Host Immune Response To Enhance Efficacy Of Allogeneic Mesenchymal Stem Cells

**Requested Funding:** \$10,000

**Principal Investigator:** Jonathan Chae, MD  
**Co-Investigator:** Eric S. Moghadamian, MD  
**Grant Title:** Biomechanical Analysis Of Novel "Pauwels" Screw Fixation For Pauwels Type-III Vertical Sheer Femoral Neck Fractures  
**Requested Funding:** \$10,000

**Principal Investigator:** Tarek Sibai, MD  
**Co-Investigator:** Paul Tornetta, MD  
**Grant Title:** A Pilot Study To Identify A Novel Radiographic View For Types 3 And 5 Acromio-Clavicular Joint Separations Predictive Of Long-Term Outcomes  
**Requested Funding:** \$10,000

**Principal Investigator:** Daniel Stinner, MD  
**Co-Investigator:** Joseph R. Hsu, MD  
**Grant Title:** Can Objective Feedback Improve Patient Centered Outcomes? A Prospective Randomized Study  
**Requested Funding:** \$10,000

**TOTAL AWARDED:** \$98,000