



**OTA 2011 GRANT AWARDS (grant cycle: 1/1/2011 – 12/31/2011)**

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

**Title:** A Multicentre, Randomized Trial of Simple Decompression Versus Anterior Transposition of the Ulnar Nerve for Acute, Displaced Fractures of the Distal Humerus Treated With Plate Fixation

**PI:** Emil Schemitsch, MD, FRCSC

**Co-PI:** Michael McKee, MD, FRCSC

**Requested Funds:** \$78,630

**Grant Funded by:** Synthes/OTA

**Title:** A Multicentre, Randomized Trial of Conservative Treatment Versus Operative Plate Fixation for Acute, displaced Fractures of the Distal Clavicle

**PI:** Jeremy Hall, MD, FRCSC

**Co-PI:** Michael Mckee, MD, FRCSC

**Requested Funds:** \$80,000

**Grant Funded by:** COTA/Smith & Nephew

**Title:** Randomized Clinical Trial of Suprapatellar Versus Infrapatellar Tibial Nailing

**PI:** Roy Sanders

**Co-PI:** None Listed

**Requested Funds:** \$38,680

**Grant Funded by:** DePuy, A Johnson & Johnson Company/OTA

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

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**Title:** The Use of Implantable Radio-Frequency Micromachined Capacitive Sensor Chips to Monitor Compartment Pressures in the Lower Limb

**PI:** Edward Harvey, MD, MSc

**Co-PI:** Vamsy Chodavarapu, PhD

**Requested Funds:** \$18,517.50

**Grant Funded by:** DePuy, A Johnson & Johnson Company/OTA

**Title:** Forceps Reduction of the Syndesmosis in Rotational Ankle Fractures: A Cadaveric Study and Prospective Case Series

**PI:** Phinit Phisitkul, MD

**Co-PI:** Larry Marsh, MD

**Requested Funds:** \$25,000

**Grant Funded by:** COTA/Smith & Nephew

**Title:** Effect of BMP-2 and MP-7 on Articular Cartilage Following Impact Load

**PI:** Paul Chin, MD, PhD

**Co-PI:** Joseph Borelli, Jr., MD

**Requested Funds:** \$25,000

**Grant Funded by:** Medtronic/OTA

**Title:** The Effect of Late Type Endothelial Progenitor Cells on Augmentation of Angiogenesis and Osteogenesis in a Segmental Bone Defect Model

**PI:** Ru Li, PhD

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

**Requested Funds:** \$25,000

**Grant Funded by:** COTA/Smith & Nephew

**TOTAL AWARDS: \$370,827.50**