



**OTA 2014 GRANT AWARDS (Grant Cycle: 1/1/2014 – 12/31/2014)**

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

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**Title:** Hemostasis In Open Acetabulum And Pelvic Ring Surgery Using Tranexamic Acid: A Prospective, Randomized, Controlled Study.

**PI:** Brett Crist, MD

**Co-PI:** William Harvin, MD

**Awarded Funds:** \$41,524

**Grant Funded by:** Smith Nephew & OTA

**Title:** Muscle Atrophy Regulation In Older Adults With Hip Fracture And Potential Anabolic Approaches

**PI:** Micah Drummond, MD

**Co-PI:** Thomas Higgins, MD

**Awarded Funds:** \$72,910

**Grant Funded by:** Smith Nephew & OTA

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

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**Title:** Targeting Intracellular Staphylococcus Aureus To Lower Recurrence Of Orthopaedic Infection

**PI:** Laura Phieffer, MD

**Co-PI:** Paul Stoodley, MD

**Awarded Funds:** \$29,529

**Grant Funded by:** Smith Nephew & OTA

**Title:** Integrin Signaling And Hyaline Cartilage Response To Blunt Trauma

**PI:** Gregory Della Rocca, MD

**Co-PI:** Aaron Stoker, MD

**Awarded Funds:** \$49,330

**Grant Funded by:** Smith Nephew & OTA

**Title:** Mediators of Acute Kidney Injury Following Orthopedic Trauma in Obese Rats

**PI:** Robert Hester, MD

**Co-PI:** George Russell, MD

**Awarded Funds:** \$50,000

**Grant Funded by:** Zimmer & OTA

## **Basic Research Grants (Continued)**

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**Title:** Therapeutic Application Of Carbon Monoxide (CO), Liberated From A Novel CO-Releasing Molecule (CORM-3), In A Large Animal Model Of Limb Compartment Syndrome.

**PI:** Abdel-Rahman Lawendy, MD

**Awarded Funds:** \$50,000

**Grant Funded by:** OTA

**Title:** Promoting ischemic fracture healing by blocking inhibitors of vascularization

**PI:** Jaimo Ahn, MD

**Co-PI:** Kurt Hankenson, MD

**Awarded Funds:** \$50,000

**Grant Funded by:** DePuy Synthes & OTA

**Title:** The Use Of Autologous Endothelial Progenitor Cells (Epcs) For The Healing Of A Bone Defect In A Large Animal Model

**PI:** Aaron Nauth, MD

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

**Awarded Funds:** \$50,000

**Grant Funded by:** OTA

**TOTAL AWARDED:** \$393,293