

DAVID D. GREENBERG, M.D.

Curriculum Vitae

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PRESENT POSITION

Assistant Professor, Department of Orthopaedic Surgery, Saint Louis University School of Medicine

Department of Orthopaedic Surgery
Saint Louis University School of Medicine
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EDUCATION

Doctor of Medicine, MD *Georgetown University School of Medicine* Washington, D.C.
August 1999 – June 2003

- *Magna Cum Laude*

Bachelor of Science, BS *University of North Carolina at Charlotte* Charlotte, N.C.
August 1995 – May 1999

- Major: Biology
- *Magna Cum Laude*
 - *University Honors*

PROFESSIONAL TRAINING

Fellowship

August 2009 – July 2010 Musculoskeletal Oncology
University of Chicago
Chicago, Illinois

Residency

July 2004 – June 2009 Orthopaedic Surgery Residency
University of Missouri – Columbia
Department of Orthopaedic Surgery
Columbia, Missouri

Internship

July 2003 – June 2004 General Surgery Internship, PGY-1
University of Missouri – Columbia
Department of General Surgery
Columbia, Missouri

CERTIFICATION & LICENSURE

Medical License

State of Missouri Physician License
United States Medical Licensing Examination: passed Steps I, II, & III

Board Certification

Diplomate of the American Board of Orthopaedic Surgery

PROFESSIONAL & ACADEMIC APPOINTMENTS

August 2010 – Present	Assistant Professor, Department of Orthopaedic Surgery Saint Louis University School of Medicine St. Louis, Missouri
August 2010 – Present	Medical Staff Saint Louis University Hospital St. Louis, Missouri
September 2010 – Present	Medical Staff Cardinal Glennon Children’s Medical Center St. Louis, Missouri
September 2010 – Present	Medical Staff St. John’s Mercy Medical Center St. Louis, Missouri
July 2008 – June 2009	Clinical Instructor University of Missouri Hospital & Clinics Columbia, Missouri
October 2004 – October 2006	Medical Staff Moberly Regional Medical Center Moberly, Missouri

HOSPITAL/DEPARTMENTAL BOARDS & COMMITTEES

August 2011 – Present	Cancer Committee, Saint Louis University Hospital; St. Louis, Missouri
February 2013 – Present	Educational Committee, Department of Orthopaedic Surgery, Saint Louis University Hospital; St. Louis, Missouri

NATIONAL BOARDS & COMMITTEES

Nov 2014 – Present	Musculoskeletal Tumor Society Annual Meeting Program Committee, member-at-large
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RESEARCH & PUBLICATIONS

July 2004 – June 2005	J Vernon Luck Orthopaedic Research Fellowship University of Missouri – Columbia Department of Orthopaedic Surgery The Comparative Orthopaedic Laboratory Columbia, Missouri
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Participated in the Summer Research Opportunities in Biomedical Sciences Program at Wake Forest University School of Medicine investigating the molecular and cellular mechanisms of skeletal muscle weakness and atrophy under the guidance of Osvaldo Delbono, M.D., Ph.D., 1997.

Grants

2008	Antibiotic Prophylaxis in Orthopaedic Traumatology: A Prospective Randomized Trial of Duration of Administration. Principal Investigator. OTA Research Grant. (\$10,000)
2005	Mid-America Orthopaedic Association Multipurpose Resident Grant (\$4,000)
2005	Comparative Study of Allograft versus Autograft Infection Rates in Primary Anterior Cruciate Ligament Reconstruction. Co-Investigator. Musculoskeletal Transplant Foundation. (\$75,000)

Scientific Articles

1. Davis AT, Guo AM, Phillips NJ, **Greenberg DD**. A Novel Treatment for Bone Lesions of Multifocal Epithelioid Sarcoma-like Hemangioendothelioma. *Skeletal Radiology*. 2015; Volume 44 (7):1013-1019.

2. Miller BJ, Rajani R, Leddy L, Carmody Soni EE, White JR; **The Musculoskeletal Oncology Research Initiative**. How Much Tumor Surgery Do Early-career Orthopaedic Oncologists Perform? *Clin Orthop Relat Res*. 2015 Feb; 473(2): 695-702.
3. Grimshaw CS, Zawin J, Brink DS, **Greenberg DD**. Rare Case of Dual Lesion: Nonossifying Fibroma and Osteochondroma. *The American Journal of Orthopedics*. 2014; 43(5):234-237.
4. Odem JL, Bernreuter K, Grammatopoulou V, Lauer SR, **Greenberg DD**, Vogler CA, Batanian JR. Deceptively benign low-grade fibromyxoid sarcoma: array-comparative genomic hybridization decodes the diagnosis. *Human Pathology*. 2013 Jan; 44(1):145-50.
5. **Greenberg DD**, Montag AG, Stacy GS, Peabody TD. Peripheral nerve sheath tumors. American Academy of Orthopaedic Surgeons Web site: *Orthopaedic Knowledge Online* 2011;9(5): http://orthoportal.aaos.org/oko/abstract.aspx?article=OKO_ONC022. Accessed April 25, 2011.
6. **Greenberg DD**, Robertson M, Vallurupalli S, White RA, Allen WC. Allograft Compared with Autograft Infection Rates in Primary Anterior Cruciate Ligament Reconstruction. *Journal of Bone & Joint Surgery*. 2010; 92(14):2402-2408.
7. Bal BS, **Greenberg DD**, Li S, Mauerhan D, Schultz L, Cherry K. Tibial Post Failures in a Condylar Posterior-Cruciate-Substituting Total Knee Replacement. *Journal of Arthroplasty*. 2008; 23(5):650-655.
8. Bal BS, **Greenberg DD**. Failure of a Metal-Reinforced Tibial Post in Total Knee Arthroplasty. A Case Report. *Journal of Arthroplasty*. 2007; 22(3):464-7.
9. Bal BS, **Greenberg DD**, Lowe J, Aleto TJ. Primary Total Knee Arthroplasty Performed with a MIS Subvastus Approach. *Techniques in Knee Surgery*. 2007; 6(1):60-67.
10. **Greenberg DD**, Stoker A, Kane S, Cockrell M, Cook JL. Biochemical Effects of Two Different Hyaluronic Acid Products in a Co-Culture Model of Osteoarthritis. *Osteoarthritis & Cartilage*. 2006; 14(8):814-822.
11. Bal BS, **Greenberg DD**, Buhrmester L, Aleto TJ. Primary TKA with a Zirconia Ceramic Femoral Component. *Journal of Knee Surgery*. 2006; 19:89-93.
12. Stuntz R, **Greenberg D**. Professional Civility: A Primer for Physicians. *Bulletin/Mecklenburg County Medical Society*. 1999; 29(7):21.

Books & Chapters

1. Crawford Brooke, **Greenberg DD**. Introduction to Cancer Surveillance Strategies. IN: *Current Clinical Oncology: Patient Surveillance after Cancer Treatment*. Johnson FE, Maehara Y, Browman GP, Margenthaler JA, Audisio RA, Thompson JF, Johnson DY, Earle CC, Virgo KS, Eds. New York: Springer, 2013, pp. 9-13.

Published Abstracts & Presentations

1. **Greenberg DD**. A Multi-Center Prospective Study of Zoledronic Acid-Laden Cement in GCT. Podium presentation, MSTS Specialty Day. Las Vegas, NV; March 28, 2015.
2. Crist BD, **Greenberg DD**, Della Rocca GJ, Murtha YM, Volgas DA, Stannard JP. Are Postoperative Antibiotics Needed After ORIF? A Prospective Randomized Placebo-controlled Trial. Podium presentation, 2015 AAOS Annual Meeting. Las Vegas, NV; March 24, 2015.
3. **Greenberg DD**, Stoker AM, Kane S, Cook JL. Biochemical Effects of Two Different Hyaluronic Acid Products in a Co-Culture Model of Osteoarthritis. Podium presentation, Mid-America Orthopaedic Association 25th Annual Meeting. Boca Raton, FL; April, 2007.
4. Hillard A, Bal BS, Aleto TJ, **Greenberg DD**. Muscle Damage Following MIS Two-Incision Primary Total Hip Arthroplasty. Poster presentation, American Academy of Orthopaedic Surgeons Annual Meeting. San Diego, CA; February, 2007.

5. Bal BS, Lowe J, Aleto TJ, **Greenberg DD**. Incidence of Heterotopic Ossification Following Primary Two-Incision Total Hip Arthroplasty. Poster presentation, American Academy of Orthopaedic Surgeons Annual Meeting. San Diego, CA; February, 2007.
6. Choi TJ, Kane SM, Luther JK, Cockrell M, **Greenberg DD**, Patillo D, Linville C, Cook JL. Autologous Dermal Fibroblast Injection with and without Fibroblast Growth Factor in Native Rabbit Anterior Cruciate Ligaments. Poster presentation, 53rd Annual Meeting of the Orthopaedic Research Society. San Diego, CA; February, 2007.
7. Bal BS, Barrett MO, Haltom JD, **Greenberg DD**, Aleto TJ. The Outcomes of Two-Incision Total Hip Arthroplasty Performed without Intraoperative Fluoroscopy. Podium presentation, MIS meets CAOS Symposium. Scottsdale, AZ; October, 2006.
8. Bal BS, **Greenberg DD**, Lowe J, Aleto TJ. Subvastus Total Knee Arthroplasty without Cement or Tourniquet. Podium presentation, MIS meets CAOS Symposium. Scottsdale, AZ; October, 2006.
9. **Greenberg DD**, Bal BS, Li S, Cherry KL. Tibial Post Failures in Posterior Stabilized Total Knee Arthroplasty. Podium presentation, Southern Orthopaedic Association 23rd Annual Meeting. Paradise Island, Bahamas; July, 2006.
10. Bal BS, **Greenberg DD**, Li S, Cherry KL, Aleto TJ. Failure of the Polyethylene Tibial Post in a Posterior Cruciate-Substituting Total Knee Arthroplasty. Podium presentation, American Academy of Orthopaedic Surgeons Annual Meeting. Chicago, IL; March, 2006.
11. **Greenberg DD**, Bal BS, Cherry K, Li S. Failure of the Polyethylene Tibial Post in Total Knee Arthroplasty. Podium presentation, Mid-America Orthopaedic Association 24th Annual Meeting. San Antonio, TX; April, 2006.
12. **Greenberg DD**, Bal BS, Ray BK, Shakya A, Ray A. Overexpression of MMP-14 in Human Osteoarthritic Joints is Mediated by SAF-1. Poster presentation, 52nd Annual Meeting of the Orthopaedic Research Society. Chicago, IL; March 2006.
13. **Greenberg DD**, Bal BS, Rahaman M, Ellingsen MD, Khanna SK. Comparison of Surface Hardness and Prediction of Wear Rates between Cobalt-Chrome, Alumina and Oxidized Zirconium. Poster presentation, 52nd Annual Meeting of the Orthopaedic Research Society. Chicago, IL; March 2006.
14. **Greenberg DD**, Bal BS. Primary Total Knee Replacement with a Zirconia Ceramic Femoral Component. Podium presentation, 36th Annual Meeting of the Missouri State Orthopaedic Association. St. Louis, MO; June 2005.
15. **Greenberg DD**, Stoker AM, Kane S, Cook JL. Intra-articular Hyaluronic Acid Therapy Beyond Palliation: Disease-modifying Behavior in Osteoarthritis. Podium presentation, Comparative Orthopaedics Day. Columbia, MO; April, 2005.
16. **Greenberg DD**, Delbono O. Overexpression of IGF-1 in Skeletal Muscle and Age-Dependent Decline in the Number of Spinal Cord Motoneurons. Poster presentation, Biomedical Sciences Program at Wake Forest Univ. School of Medicine. August, 1997.

INVITED SEMINARS, VISITING PROFESSORSHIPS, & TEACHING ACTIVITIES

1. Faculty Presentation: 62nd Annual Meeting of Mid-Central States Orthopaedic Society. *Pathology Unknowns*. Lake Ozark, Missouri. June 6, 2015.
2. Faculty Presentation: 61st Annual Meeting of Mid-Central States Orthopaedic Society. *Pathology Unknowns*. Branson, Missouri. June 6-7, 2014.
3. Course Attendee: 2014 ORS/OREF/AAOS New Investigator Workshop. Chicago, Illinois; May 16-17, 2014.
4. Grand Rounds: Saint Louis University Department of Internal Medicine. *Metastatic Bone Disease*. St. Louis, Missouri; August 23, 2013.

5. Visiting Professor: University of Missouri Department of Orthopaedic Surgery. Columbia, Missouri. April 30-May 1, 2013.
6. Course Attendee: 45th Annual AAOS Course for Orthopaedic Educators. Bloomingdale, Illinois; November 4-8, 2012.
7. Course Faculty: Med Reunion 2012. Diagnosis and Treatment of Bone & Soft Tissue Tumors. St. Louis, Missouri; October, 2012.
8. Course Faculty: Update in Multidisciplinary Cancer Care with an Emphasis on the Team Approach. St. Louis, Missouri; March, 2012.

PROFESSIONAL SERVICES

Editorial & Review Boards

1. Consultant Reviewer – *Journal of Knee Surgery* (2010-Present)
2. Associate Editor – Mizzou Orthopaedic Review (2005)

HONORS & AWARDS

Best Doctors in America: 2013, 2014, 2015

Who's Who in America: 2014, 2015

Lynn O. Litton, M.D. 2008 Resident Award in Excellence, Department of Orthopaedic Surgery, University of Missouri – Columbia

Steve Olson, M.D. 2005 Resident Research Award, Department of Orthopaedic Surgery, University of Missouri – Columbia

Medical School:

- Sturgis Scholarship

Undergraduate:

- Phi Kappa Phi Graduate Fellowship
- Phi Kappa Phi Fellow of the Society, 1999
- Bill Mitchell Award – given annually to **one or two graduating seniors** who have shown the outstanding qualities of scholarship, leadership, and an attitude of unselfish interest in the welfare of their fellow students and the University as a whole
- Phi Eta Sigma National Honor Society
- President, University Honors Program, 1998-1999

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

American Academy of Orthopaedic Surgeons, Active Fellow

Musculoskeletal Tumor Society, Active Member

Missouri State Orthopaedic Association

Mid-America Orthopaedic Association, Active Member