

Richard E. Grant, M.D.



Department of Orthopaedic Surgery
 Case Western Reserve University School of Medicine
 University Hospitals Case Medical Center
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CURRENT POSITIONS:

Edgar B. Jackson Chair for Diversity
 University Hospitals Case Medical Center

Professor, Department of Orthopaedic
 Surgery, Case Western Reserve University

EDUCATION:

1971	B.A.	Biology	Stanford University, Stanford, California
1976	M.D.	Medicine	Howard University, Washington, DC

CLINICAL EDUCATION:

1976-1977	Internship, Department of Internal Medicine	Kaiser Foundation Oakland, California
1980-1984	Orthopaedic Residency	U.S.A.F. Wilford Hall Medical Center San Antonio, Texas
1985	Fellowship in Joint Arthroplasty	Joint Implant Surgeons, Ohio State University Hospital (Thomas Mallory, MD) Columbus, Ohio
1986	Adult Spine Fellowship	Baylor University St. Luke's Episcopal Hospital (Alexander E. Brodsky, MD) Houston, Texas

ACADEMIC AND PROFESSIONAL APPOINTMENTS:

1984	Interim Staff, Instructor in Orthopaedic Surgery	U.S.A.F. Wilford Hall Medical Center San Antonio, Texas
1987	Assistant Professor of Orthopaedics	Uniformed Services, University Health Sciences, Bethesda, Maryland
1988 (May)	Assistant Professor of Orthopaedic Surgery, Director of Spine Surgery	Howard University Hospital Department of Orthopaedic Surgery Washington, DC
1988 (Oct.)	Chairman, Department of Orthopaedic Surgery	Howard University Hospital Department of Orthopaedic Surgery Washington, DC
1995-2001	Associate Professor of Orthopaedic Surgery	Howard University Hospital Department of Orthopaedic Surgery Washington, DC
2001-2005	Orthopaedic Staff and Attending	Providence Hospital Washington, DC
2001-2005	Clinical Associate Professor of Orthopaedics	Howard University Department of Orthopaedic Surgery Washington, DC

LICENSURE AND BOARD CERTIFICATION:

Medical Licensure:

State of California	G34314	Non-active, 1977
State of Texas	P0487	Non-active, 1986
State of Ohio		
State of Indiana	01031509	Non-active, 1981
State of Maryland	D36012	Active, September 2002
Washington, DC	17377	Active, December 2002
Federal DEA	BG 1546045	Active, September 30, 2003

Board Certification:

July 1986	Diplomate, American Board of Orthopaedic Surgery
July 1992	Recertified, American Board of Orthopaedic Surgery
July 2004	2 nd Recertification, American Board of Orthopaedic Surgery

PROFESSIONAL AND SOCIETY MEMBERSHIPS:

- Society of Orthopaedic Military Surgeons
- National Medical Society

- American Academy of Orthopaedic Surgeons
- American Orthopaedic Association
- Association of Bone and Joint Surgeons
- Twentieth Century Orthopaedics
- Washington, DC, Orthopaedic Society
- American College of Surgeons
- J. Robert Gladden Society

HONORS AND AWARDS:

- United States Air Force Meritorious Service Award, 1988
- Distinguished Faculty Award for Scholarly Work, Howard University, 2000
- President, American Board of Orthopaedic Surgery, 2002-2003

PROFESSIONAL SERVICE:

American Board of Orthopaedic Surgery

- President, 2002 – 2003
- Oral Examiner, ABOS Part II, 1992 – to date
- Finance Committee, 1996 – 2002
- Board Member, 1996 – 2006
- Credentials Committee, 1996 – 2007
- Treasurer, 1998 – 2001
- Executive Committee, 1999 – 2003
- Committee on Graduate Medical Education, 2001 – present
- Communications and Public Relations Committee, 2002 – to date

American Academy of Orthopaedic Surgeons

- Region #3 (Maryland, DC, Delaware), President Membership Committee, 1992 – 1994
- Ethics Committee, 1997 – 2003
- Co-Chair, Diversity Committee, 1998 – 2002
- Board of Councilors, 2000 – 2003

National Medical Society

- Chairman, Orthopaedic C.M.E. Section, 1990 – 1995

Academic Orthopaedic Society

- Director, Minority Issues Sub-Committee, 1994
- Co-Chair, Diversity Committee, 1999 – 2000

American Orthopaedic Association

- Education Committee, 2000 – 2001
- Membership Committee, 2000 – to date
- Nominating Committee, 2002
- Chair, Membership Committee, 2005 – 2006

Residency Accreditation Council

- Member, Accreditation Council of Graduate Medical Education, Orthopaedics, 2001 – to date

Scientific Reviewing

- Scientific Reviewer, *Clinical Orthopaedics and Related Research*, 2000 – present
- Scientific Reviewer, *Journal of Bone and Joint Surgery*, 2001 – 2005
- Scientific Reviewer, *Journal of the National Medical Association*

United States Government Consulting and Advising

- Consultant, Walter Reed Army Medical Center, Department of Orthopaedic Surgery Residency Review, 1989
- Orthopaedic Consultant and District Medical Advisor, U.S. Department of Labor, 1989 – 2005
- National Minority Mentor Recruitment Network, US Public Health Service/National Medical Assoc., 1994
- NIH Grants Review Committee, Musculoskeletal Research, 1995
- Consultant, U.S. Department of Justice Office of Justice Programs, 1999 – 2004

Private-Sector Advising

- Advisory Group, Tapered Femoral Stem Design, Centerpulse, 2001 – 2003
- Zimmer – Trabecular Metal Revision Arthroplasty Advisory Group, 2003 – to date
- Zimmer Minority Initiatives Advisory Group, 2003 – to date

Miscellaneous

- Faculty, The Society of Orthopaedic Surgeons of Trinidad and Tobago, August 1996
- Faculty, The National Center for Advanced Medical Education, Spine Review Course, Chicago, Illinois, November 1996
- President, Washington, DC Orthopaedic Society, 1998 – 1999

SERVICE ON HOSPITAL COMMITTEES:

- Department of Orthopaedics Residency Review Committee, Howard University Hospital, Washington, DC, 1988 – 2005
- Howard University Hospital Faculty Practice Plan Advisory Group, 1990 – 2000
- Howard University Hospital Sickle Cell Induced Osteonecrosis Advisory Group, 1989 – 2001
- Howard University Hospital Surgical Equipment Maintenance and Purchase Committee, 1994 – 2000
- Howard University Hospital Level I Trauma Review Committee
- Case UHHS: Orthopaedic Department Practice Management Committee, Start date: 15 May 2006
- Case UHHS: Diversity Council, Start date: 2 January 2006
- Case UHHS: University Hospitals of Cleveland Minority Faculty Committee

PAST AND PRESENT TEACHING ACTIVITIES:

- Director, Orthopaedic Residency Education, Howard University Hospital, Washington, DC October 1988 – September 2001
- Director, Orthopaedic Education Medical Student Preceptorship October 1988 – September 2001
- Director, Extracurricular Medical Student Clerkships, Howard University Hospital, Washington, DC October 1988 – September 2001
- Director, Orthopaedic Residency Program Musculoskeletal Basic Science Core Curriculum, Conference Schedule: Monday, Wednesday, Friday, 90-minute lectures, 46 weeks/year October 1988 – September 2001
- Director, Orthopaedic Residency AAOS In-Training Review Sessions Saturday, 8:00 a.m. – 12:00 a.m., October 1988 – September 2001
 - Quarterly Orthopaedic Residency Grand Rounds, Georgetown University, George Washington University and Howard University September 1988 – December 1990
- Trained over 65 orthopaedic residents at Howard University who are now orthopaedic surgeons practicing in a subspecialty (Spine Surgery, Hand Surgery, Adult Reconstruction, Sports Medicine, Foot and Ankle Surgery, Pediatric Orthopaedics, Trauma, or Orthopaedic Oncology) in one of the following states: Maryland, Connecticut, Ohio, Illinois, New York, Georgia, Virginia, Arkansas, Washington DC, California, Florida, Indiana, Delaware, Nevada, New Jersey, Indiana, Texas, Tennessee, Pennsylvania.

GRANT SUPPORT:

Director, **Timothy L. Stephens, Jr, MD, Orthopaedic Fellowship**

Granting Agency: St. Luke's Foundation, Cleveland, Ohio

Duration of the Grant: 10 years (2008 to 2018)

Total Award: \$916,000.

This is a transformational grant that funds the clinical and basic-science mentoring of African-American, Latino and Native American medical students who are interested in careers in orthopaedic surgery.

BIBLIOGRAPHY:

A. Peer-reviewed journal articles:

Eady JL, Lundquist JE, **Grant RE**, Nagel A, Kim DD: Congenital bowing of the ulna and aggressive fibromatosis. *J Natl Med Assoc* 83:978-982, 1991.

Bryant DD 3rd, **Grant RE**, Tang D: Fibular strut grafting for fibrous dysplasia of the femoral neck. *J Natl Med Assoc* 84: 893-897, 1992.

Greenfield R 3rd, **Grant RE**, Bryant D: Pedicle screw fixation in the management of unstable thoracolumbar spine injuries. *Orthop Rev* 21:701-706, 1992.

Garden MS, **Grant RE**, Jebraili S: Perioperative complications in patients with sickle cell disease: an orthopaedic perspective. *Am J Orthop* 25:353-356, 1996.

Saunders ME, **Grant RE**: Cost effectiveness of low-molecular weight heparin versus warfarin following hip replacement surgery. *J Natl Med Assoc* 90:677-680, 1998.

Grant RE, Banks WJ Jr, Alleyne KR: A survey of the ethnic and racial distribution in orthopaedic residency programs in the United States. *J Natl Med Assoc* 91:509-512, 1999.

Simpson BM, **Grant RE**: A synopsis of urban firearm ballistics: Washington, DC model. *Clin Orthop Relat Res* 408: 12-16, 2003.

Simpson BM, Wilson RH, **Grant RE**: Antibiotic therapy in gunshot wound injuries. *Clin Orthop Relat Res* 408: 82-85, 2003.

Smith W, Simmonds JO, Alam ZS, **Grant RE**: Spinal cord injury caused by gunshot wounds: the cost of rehabilitation. *Clin Orthop Relat Res* 408: 145-151, 2003.

Boylan M, **Grant RE**: Diversity and professional excellence. *J Natl Med Assoc* 96: 1354-1362, 2004.

Grant RE, Boylan M: Just end-of-life policies and patient dignity [refereed discussion article]. *Am J Bioeth* 6:32-33, W30-32, 2006.

Grant RE, Murphy LA, Murphy JE: Expansion of the coordinator role in orthopaedic residency program management. *Clin Orthop Relat Res* 466:737-742, 2008.

Unnanuntana A, Kaewlai R, **Grant RE**: Image quiz: A fifty-three-year-old woman with osteoarthritis of the knees. *J Bone Joint Surg Am* http://www.ejbs.org/Image_Quiz/2008/iqdec08_p1.dtl, December 2008.

Hogan MV, **Grant RE**: Analgesia for total hip and knee arthroplasty: a review of lumbar plexus, femoral, and sciatic nerve blocks. *Am J Orthop*, accepted, 2008.

B. Other articles:

Grant RE, Paul R: Trousseau's syndrome. *Contemp Orthop* vol 84, Sept 1994.

Grant RE, Wilson DB: Prevention and management of osteoporosis. *Cortlandt Forum* p 123, 1995.

Grant RE, Simpson BM: Current concepts and principles of gunshot musculoskeletal injuries [editorial comment]. *Clin Orthop Relat Res* 408: 2-3, 2003.

C. Chapters:

Epps CH Jr, **Grant RE**: Fractures of the shaft of the humerus. Rockwood CA Jr, Green DP: *Fractures in Adults*. Philadelphia: JB Lippincott, 1990.

Epps CH Jr, Diamond LS, **Grant RE**: Generalized genetic disturbances involving the foot. In Jahss MH (ed): *Disorders of the Foot and Ankle*. Philadelphia: WB Saunders, pp 654-666, 1991.

Grant RE, Cotler JM, Epps CH Jr, Kim D: Complications of treatment of fractures of the humeral shaft. Epps CH Jr (ed): *Complications in Orthopaedic Surgery*, 3rd edition, pp 257-284. Philadelphia: Lippincott, 1994.

Grant RE: Healthcare and consumer affairs. In Boylan M (ed): *Ethical Issues in Business*. NY: Harcourt Brace, 1995.

Grant RE, Boylan M: Distributive justice in hospital healthcare. In Hester M (ed): *Educating Hospital Ethics Committees*. Lanham, MD: Rowman and Littlefield, in press, 2008.

PRESENTATIONS:

"Ankylosing Spondylitis: Orthopaedic Surgical Management," Society of Orthopaedic Military Surgeons, Uniform Services Health Sciences Center, Bethesda, Maryland, November 1982.

"Pitfalls of Orthopaedic Tumor Surgery" (Grant RE, Eady JL, Goodwin TE), American Academy of Orthopaedic Surgeons, Educational Booth Exhibit, Anaheim, California, March 1983.

"Pitfalls in Orthopaedic Oncology Management," S.O.M.O.S., Colorado Springs, Colorado, October 1983.

"Allografting Techniques, Total Joint Arthroplasty," National Medical Association, Los Angeles, California, August 1988.

"Management of Spondylolisthesis in the Adolescent Athlete," M.O.P.S. Convention, Indiana University, Indianapolis, September 1988.

"Adult Spine Problems," WHUR Radio Seminar, Howard University, Washington, DC, September 1988.

"Pediatric Orthopaedics," Physicians Assistant Program, College of Allied Health, Howard University, October 1988.

- "Management of Low Back Pain in the Adolescent Athlete," 94th National Medical Association Scientific Assembly, Orlando, Florida, July 1989.
- "Current Concepts Design in Total Hip Arthroplasty, Non-cemented," National Medical Association Convention, Orlando, Florida, July 1989.
- "Fusion Techniques: Evaluation of Low Back Pain," National Medical Association, Orlando, Florida, July 1989.
- "Luque Screw Fixation: Scientific Basis," Visiting Professor, Society of Air Force Clinical Surgeons, 38th Annual Symposium, Bethesda, Maryland, April 2 – 7, 1990.
- "TRSH Spinal Instrumentation," Practical Lab Instructor, New Carrollton, Maryland, April 7, 1990.
- "Falls and Choking," Metropolitan Baptist Church Seminar, University of the District of Columbia, April 18, 1990.
- "Evaluation and Treatment of Burst Fractures," National Medical Association, 95th Annual Convention and Scientific Assembly, Las Vegas, Nevada, July 28 – August 2, 1990.
- "Luque Pedicle Screw Fixation: Scientific Basis" (Grant RE, Greenfield R), National Medical Association, Las Vegas, Nevada, July 28 – August 2, 1990.
- "Outpatient Management of Human Bite Injuries" (Grant RE, Chou L, Nagel A), American Academy of Orthopaedic Surgeons, Anaheim, California, 1991.
- "Pathologic Fractures," Howard University College of Medicine Clinical Pathological Conference, Department of Pathology, 1991.
- "Outpatient Management of Human Bite Injuries: A Treatment Protocol and Prospective Study" (Chou L, Nagel A, Grant RE), American Academy of Orthopaedic Surgeons Annual Meeting, Washington, DC, 1992.
- "Total Joint Arthroplasty: Update," National Medical Association 97th Annual Convention and Scientific Assembly, August 1 – 6, 1992.
- "Pedicle Screw Fixation," Practical Techniques in Spinal Instrumentation Course, Orlando, Florida, April 1992; August 1992 and May 1993.
- "How to Handle the ABOS Oral Qualifying Examination Part II: Tips and Caveats," National Medical Association, San Antonio, Texas, August 8, 1993.
- "Humeral Diaphyseal Fracture: Current Management Techniques," National Medical Association, San Antonio, Texas, August 1993.
- "Health Care Reform and Its Effect on Orthopaedic Residents," National Medical Association Scholar's Luncheon, San Antonio, Texas, August 1993.
- "Displaced Humeral Fracture," Massachusetts General Hospital Grand Rounds, Boston, Massachusetts, 1994.

“Total Hip Arthroplasty in Sickle Cell Patients,” Visiting Professor, Grand Rounds, Wilford Hall Medical Center, Lackland Air Force Base, San Antonio, Texas, 1994.

“Bone and Joint Injuries, Repairs and Reconstruction” (Grant RE, Thompson TL), WOL Radio Station, “Focus on Health: Orthopaedic Medicine,” Host: Clive O. Callendar, MD, February 4, 1994.

“Don’t Let Your Pain Get You Down” (Grant RE, Dennis G), WOL Radio Station, “Focus on Health: Acute Low Back Pain,” Host: Clive O. Callendar, MD, December 23, 1994.

Seminar Chairman, A Day of Pediatric Orthopaedics, Howard University Hospital, January 1992, 1993, 1994 and 1995.

“Total Hip Arthroplasty in the Sickle Cell Patient: Co-Morbidity Management,” Howard University Hospital, LaSalle D. Leffall, Jr., MD, Surgical Society Symposium Program, Washington, DC, March 12, 1995.

“The Cost Effectiveness of Low Molecular Weight Heparin Versus Warfarin Sodium in the Prophylaxis of Deep Vein Thrombosis and Pulmonary Embolism Following Hip Replacement Surgery” (Saunders ME, Grant RE), Howard University Hospital, Residents and Faculty Roland Nickens Scientific Forum, Washington, DC, May 10, 1995.

“Reduced Operative and Fluoroscopic Times in Intramedullary Nailing of the Femur” (Grant RE, Jebraili R), National Medical Association, Atlanta, Georgia, July 1995.

“Total Hip Arthroplasty and Sickle Cell Hemoglobinopathies” (Grant RE, Schneider JA), Poster Presentation, National Medical Association, July 29 – August 3, 1995.

U.S. Army Medical Research Osteoporosis Integration Panel, Science Applications International Corporation, Vienna, Virginia, May 28 – 30, 1996.

“Molecular Basis for Sickle Cell Anemia/ Basic Science,” and “Total Hip Arthroplasty in Sickle Cell Patients,” National Medical Association Annual Convention and Scientific Assembly, Chicago, Illinois, July 27 – August 3, 1996.

“Lumbosacral Congenital/Developmental Abnormalities: Spondylolisthesis or Scoliosis,” The National Center for Advanced Medical Education, Comprehensive Spine Review, Chicago, Illinois, November 4-8, 1996.

“The Effect of Managed Care on the Indigent Population of Our Nation’s Capital,” Lecturer, Orthopaedic Surgery Kimbrough Day, University of South Carolina School of Medicine, Columbia, South Carolina, June 20, 1997.

“Managed Care: Orthopaedic Residency and Diminished Resources,” and “Revision Total Hip Arthroplasty A101, Technical Solutions,” National Medical Association Annual Convention and Scientific Assembly, Honolulu, Hawaii, August 2-7, 1997.

“Minorities and the Orthopaedic Profession,” Academic Orthopaedic Society Symposium, June 3, 1998.

“Clinical Applications of Low Molecular Weight Heparin in Total Joint Arthroplasty,” NMA Symposium Sponsored by Rhone-Poulec Rorer, Las Vegas, Nevada, August 8-13, 1999.

“Total Hip Arthroplasty And the Sickle Cell Patient,” and “Diversity in Orthopaedic Residency Education,” Visiting Professor, Grand Rounds, Mount Sinai Medical Center, New York, New York, December 1, 1999.

“Spinal Cord Injury From Civilian Gunshot Wounds: The Washington DC Experience, 1993-1999,” Association of Bone & Joint Surgeons, 52nd Annual Meeting, San Antonio, Texas, May 18, 2000.

“Acute Low Back Problems in Adults: Assessment and Treatment,” Family Practice Board Course and Intensive Review for Practicing Physicians, Howard University Hospital, Washington, DC, June 1996, June 1997, June 1998, June 1999 and June 2000.

“Placement of Graft Augmentation Prosthesis Fixation Screws in Revision Total Hip Arthroplasty” (Smith WN, Mitchell RK, George L, Paul O, Matory WE, Grant RE), National Medical Association Meeting, Washington, DC, August 15, 2000.

“Total Knee Arthroplasty – Patella Component Revision Using Implex Hedrocel Implant.” National Medical Association Annual Convention and Scientific Assembly, August 15, 2000.

Sickle Cell Symposium, Sponsored by Amerigroup, Hilton Inn, Columbia, South Carolina, October 12, 2000.

“THA in the Sickle Cell Patient,” Philadelphia Orthopaedic Society Lecture, Spring City, Pennsylvania, April 8, 2002.

“Sickle Cell Disease in Total Hip Arthroplasty,” Department of Orthopaedic Surgery Grand Rounds, Case School of Medicine/ University Hospitals, Cleveland, Ohio, September 1, 2004.

“Health Disparities in Musculoskeletal Care,” David Satcher Lecture Series, University Hospitals Case Medical Center, Cleveland, Ohio, October 23, 2006.

“African American History,” for Black History Month. University Hospitals Case Medical Center, Cleveland, Ohio, February 23, 2007.

“Treatment of Orthopaedic Problems Related to Sickle Cell Disease,” University Hospitals Grand Rounds, Interactive CME Video Conference, Cleveland, Ohio, March 14, 2007.

“Race and the Nation—Snapshots of America in Change,” Panelist. Research ShowCase, Case Western Reserve University, Cleveland, Ohio, April 12, 2007.

“When to Replace Joints,” National Sjögren’s Syndrome Association & University Hospitals Case Medical Center Annual Conference, Beachwood, Ohio, September 14, 2007.

“Healthcare Disparities,” Trinity Cathedral, Cleveland, Ohio, November 16, 2008.