

CURRICULUM VITAE

STEVEN GITELIS, M.D.

PERSONAL DATA:

Professional Address: Midwest Orthopaedics at Rush
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Chicago, Illinois 60612
(312) 563-2600
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CURRENT APPOINTMENTS/ACTIVITIES:

Trustee Rush University

Associate Dean Surgery Rush Medical College

Associate Chief Medical Officer Rush University

Chief of Surgery Rush University

President Elect Medical Staff Rush University

Director Cancer Research Rush University

Surgical Services Executive Committee Rush University

Executive Committee Rush University

Patient Safety Officer Orthopedic Surgery Rush University

Rush Credentialing Committee

Rush Medical Quality Committee

Rush Surgical Quality Committee

Rush Bylaws Committee

Rush University Committee on Committees Ends 2012

Editor Emeritus Rush Orthopaedic Journal

Vice Chairman Department of Orthopedic Surgery Rush Medical College

Treasurer Medical Staff Rush University Medical Center Ends 2010

Rush University Committee on Committees

**Rush University Psychiatry Chairman
Search Committee 2010**

Past President Rush Surgical Society

Treasurer 20th Century Orthopedic Association

Biological Implants Committee AAOS Ends 2013

Chairman Task Force Technology Oversight Committee AAOS Ends 2010

Director Rush Center for Limb Preservation

**Rush Medical College Professor of Orthopaedic Oncology
(Endowed Chair)**

Past President, Musculoskeletal Tumor Society

**Director, Section of Orthopedic Oncology
Rush-Presbyterian-St. Luke's Medical Center, Chicago, Illinois**

Director, Bone and Tissue Bank of Gift of Hope

**Professor, Orthopaedic Surgery, Rush Medical College,
Chicago, Illinois**

**Senior Attending, Department of Orthopedic Surgery,
Rush-Presbyterian-St. Luke's Medical Center, Chicago, Illinois**

Trustee Gift of Hope

Medical Advisory Board AlloSource

(06/06)

EDUCATIONAL BACKGROUND:

1969 - 1972

B.S., University of Illinois

Champaign, Illinois
GPA 4.94/5.00 (with High Honors)

1972 - 1975 M.D., Rush Medical College
Chicago, Illinois

POSTDOCTORAL TRAINING:

1980 - 1981 Fellowship, Orthopedic Oncology with Professor Mario Campanacci,
Rizzoli Institute Bologna, Italy (6 months)

1980-1981 Fellowship, Orthopedic Oncology, Mayo Clinic
Rochester, Minnesota (6 months)

1976 - 1980 Residency, Orthopedic Surgery, Rush-Presbyterian-St. Luke's Medical
Center, Chicago, Illinois

1975 - 1976 Internship, General Surgery, Rush-Presbyterian-St. Luke's Medical
Center
Chicago, Illinois

MILITARY EXPERIENCE:

1989 - 1990 Lt. Commander USNR

1990 - Present Commander USNR

1990 - 1991 Active Duty, National Naval Medical Center
Bethesda, MD (Desert Shield, Desert Storm)

1993 Navy Commendation Medal

1997 Honorable Discharge United States Navy

ACADEMIC APPOINTMENTS:

2011 Consultant Reviewer JBJS

2011 Consultant Reviewer CORR

2002 Consultant Reviewer *Journal of the American Academy of
Orthopaedic Surgeons*

2000-2005 Membership Committee American College of Surgeons

ACADEMIC APPOINTMENTS (cont.):

1999	Past President Musculoskeletal Tumor Society
1998-2005	Advisory Council, American College of Surgeons
1997-1999	President, Musculoskeletal Tumor Society
1996-	Rush Medical College Professor of Orthopaedic Oncology (Endowed Chair)
1996	President Elect, Musculoskeletal Tumor Society
1996	President, Illinois Orthopaedic Society
1994 - Present	Associate Chairman, Department of Orthopedic Surgery Rush Medical College, Chicago, Illinois
1992 - Present	Professor, Orthopaedic Surgery, Rush Medical College, Chicago, Illinois
1990 - Present	Senior Attending, Department of Orthopedic Surgery, Rush-Presbyterian-St. Luke's Medical Center, Chicago, Illinois
1984 - Present	Director, Section of Orthopedic Oncology Rush-Presbyterian-St. Luke's Medical Center, Chicago, Illinois
1994 - 1996	Cancer Liaison Physician, American College of Surgeons
1989 - Present	Director, Bone and Tissue Bank of Regional Organ Bank of Illinois
1986 - Present	Lecturer in Orthopedics, University of Illinois College of Medicine Chicago, Illinois
1986 - 1990	Associate Attending, Department of Orthopedic Surgery, Rush-Presbyterian-St. Luke's Medical Center, Chicago, Illinois
1986 - 1992	Associate Professor, Orthopedic Surgery, Rush Medical College, Chicago, Illinois
1982 - 1989	Director, Bone Bank, Rush-Presbyterian-St. Luke's Medical Center Chicago, Illinois
1982 - 1986	Assistant Attending, Department of Orthopedic Surgery Rush-Presbyterian-St. Luke's Medical Center, Chicago, Illinois
1982 - 1986	Assistant Professor, Orthopedic Surgery, Rush Medical College, Chicago, Illinois

1981 - 1982 Adjunct Attending, Department of Orthopedic Surgery
Rush-Presbyterian-St. Luke's Medical Center, Chicago, Illinois

1981 - 1982 Instructor, Rush University, Chicago, Illinois

INVITED VISITING SCHOLAR/VISITING PROFESSORSHIPS:

"The Surgical Treatment of Bone Tumor", Sherman Hospital Tumor Conference, November 1982.

"Surgical Reconstruction of the Knee after Tumor Surgery", Hospital Sainte-Justine, University of Montreal, October 1983.

"The Surgical Reconstruction of the Knee after Tumor Surgery", University of Toronto, October 8, 1983.

"The Use of Fiber metal Prosthesis to Reconstruct the Skeleton after Tumor Surgery", University of Iowa, October 13, 1983.

"The Use of Allografts to Reconstruct the Skeleton After Tumor Surgery", Northwestern University, November 16, 1984.

"The Management of Osteosarcoma", Marshfield Clinic, Marshfield, WI, May 15, 1985.

"Use of Allografts in Skeletal Reconstruction Following Tumor Surgery", Marshfield Clinic, Marshfield, WI, May 15, 1985.

"The Management of Osteosarcoma, Limb Salvage versus Amputation", Northwestern University, August 23, 1985.

"Past, Present, Future Trends in the Management of Chondrogenic Tumors", Gothenberg, Sweden, June 9, 1986.

"Limb Salvage Procedures in Children's Malignancy", Pediatric Orthopaedic Rounds, Loyola Medical School, April 23, 1987.

"Cartilage Forming Tumors", A Review of Orthopaedics and Orthopedic Pathology, St. Louis University Medical Center, May 30, 1987.

"Management of Soft Tissue Sarcoma", A Review of Orthopaedics and Orthopaedic Pathology, St. Louis, MO, May 14, 1988.

"Current Trends in Bone and Soft Tissue Grafting", University of Colorado, September 23, 1988.

"Use of Allografts for Tumors About the Knee", Symposium on Current Trends in Bone and Soft Tissue Grafting, University of Colorado, September 24, 1988.

"Limb Salvage for Extremity Sarcomas", Southern Illinois University Medical School, Springfield, IL, November 18, 1988.

"Limb Salvage for Extremity Sarcomas", Combined Italian-Argentine Orthopaedic and Traumatology Meeting, Buenos Aires, Argentina, December 3, 1988.

"Limb Salvage for Extremity Sarcomas and Allograft-Prosthetic Composite Arthroplasty for Salvage Hip Surgery", Department of Orthopaedic Surgery, Baylor College of Medicine, Houston, TX, January 19, 1989.

"Chondrocyte Metabolism", Monitor Session 14, Orthopaedic Research Society, Annual Meeting American Academy of Orthopaedic Surgery, Las Vegas, NV, 1989.

"Management of Soft Tissue Tumors", The Course: A Review of Orthopaedics and Orthopaedic Pathology, Creighton University School of Medicine, Omaha, Nebraska, May 20, 1989.

"Staging and Biopsy of Bone Tumors", The Course: A Review of Orthopaedic and Orthopaedic Pathology, Creighton University School of Medicine, Omaha, Nebraska, May 20, 1989.

"Limb Salvage for Extremity Sarcomas", Orlando Regional Medical Center, June 23, 1989.

"Complications of Allografts in Tumor Surgery", Clinical Applications of Musculoskeletal Allograft, St. Paul Ramsey Medical Center, St. Paul, MN, August 25, 1989.

"Allograft-Prosthesis Composite for Revision Arthroplasty and Tumor Resection", Clinical Applications of Musculoskeletal Allograft, St. Paul Ramsey Medical Center, St. Paul, MN, August 25, 1989.

"Margins: What is Wide", Musculoskeletal Tumor Society, American Academy Orthopaedic Surgery Specialty Day Annual Meeting, New Orleans, LA, February 11, 1990.

"Lower Extremity Pathological Fractures", Orthopaedic Trauma Association, American Academy of Orthopaedic Surgery Specialty Day Annual Meeting, New Orleans, LA, February 11, 1990.

"Complications of Fresh Frozen Bone Allografts for Tumor Reconstruction and Their Management", Symposium on Bone Tumors and Metabolic Bone Disease, Haifa, Israel, April, 1990.

"Limb Salvage for Extremity Sarcomas", Symposium on Bone Tumors and Metabolic Bone Disease, Haifa, Israel, April 1990.

"Allografts Procurement and Clinical Use", Common Problems in Reconstruction Surgery of the Hip and Knee, AAOS, Chicago, Illinois, May 11, 1990.

"Staging and Biopsy of Bone Tumors and Management of Soft Tissue Tumors". The Course: A Review of Orthopaedics and Orthopaedic Pathology, Creighton University School of Medicine, Omaha, Nebraska, June, 1990.

"Chondrosarcoma Clinical Behavior and Pathophysiology", University of Chicago Orthopaedic Section, June 13, 1990.

"Staging and Biopsy of Bone and Soft Tissue Tumors", National Naval Medical Center, Bethesda, MD, July, 1990.

"Current Concepts in the Treatment of Giant Cell Tumor", National Naval Medical Center, Bethesda, MD, July, 1990.

"Complications of Fresh Frozen Allografts for Tumor", National Naval Medical Center, Bethesda, MD, July 1990.

"Limb Salvage for Extremity Sarcomas", National Naval Medical Center, Bethesda, MD, July, 1990.

"Limb Salvage for Extremity Sarcomas", University of Buenos Aires, Buenos Aires, Argentina, August, 1990.

"Current Concepts in the Treatment of Giant Cell Tumor", University of Buenos Aires, Buenos Aires, Argentina, August, 1990.

"Biopsy, Staging, Margins of Bone Tumors", University of Buenos Aires, Buenos Aires, Argentina, August, 1990.

"Pathological Fractures," AAOS Instructional Course Lectures, Anaheim, CA, March 11, 1991.

"Limb Salvage for Extremity Sarcomas", Orthopaedic Association, Republic of China Annual Meeting, Kaosiung, Taiwan, April 14, 1991.

"Complications of Fresh Frozen Bone Allografts for Tumor Reconstruction and Their Management", Orthopaedic Association, Republic of China Annual Meeting, Kaosiung, Taiwan, April 15, 1991.

"Biopsy Staging Margins of Mesenchymal Tumors, Management of Soft Tissue Sarcoma" A Review of Orthopaedics and Orthopaedic Pathology, Creighton University, Omaha, Nebraska, June 1, 1991.

"En Bloc Resection Versus Intralesional Excision for Extremity Giant Cell Tumor of Bone," Argentine Orthopaedic Association, Rosario, Argentina, October 24, 1991.

"Management of Osteosarcoma," Argentine Orthopaedic Association, Rosario, Argentina, October 24, 1991.

"Management of Chondrosarcoma," Argentine Orthopaedic Association, Rosario, Argentina, October 25, 1991.

"Allograft Prosthetic Composite Arthroplasty For Limb Salvage and Revision Arthroplasty," Argentine Orthopaedic Association, Rosario, Argentina, October 25, 1991.

"Pathological Fractures," AAOS Instructional Course Lectures, Washington, D.C., February, 1992.

"Baffle The Professor," Panel with Henry Mankin, M.D., William Enneking, M.D., Fred Langer, M.D., and Steven Gitelis, M.D.. Musculoskeletal Tumor Society Specialty Day, AAOS Annual Meeting, Washington, D.C., February 23, 1992.

"Current Concepts in the Management of Giant Cell Tumor of Bone," Fritz Schajowicz Lecture, St. Louis University School of Medicine, St. Louis, MO, December 11, 1992.

"Benign Bone Tumors," National Naval Medical Center, Bethesda, MD, September 10, 1993.

"The Role of the ED for Organ Donation," American College of Emergency Physicians Annual Meeting, Chicago, Illinois, October 12, 1993.

"Limb Salvage for Extremity Sarcomas," Asia Pacific Cancer Conference, Bangkok, Thailand, November 17, 1993.

"Limb Salvage for Extremity Sarcomas," Portsmouth Naval Hospital, Department of Orthopedic Surgery, Portsmouth, Virginia, December 10, 1993.

"Limb Salvage for Extremity Sarcomas," Illinois Orthopaedic Society, Chicago, Illinois, February 11, 1994.

"Benign Bone Tumors," American Academy of Orthopaedic Surgeons Annual Meeting Instructional Course Lecture, New Orleans, Louisiana, 1994.

"Limb Salvage for Extremity Sarcoma," Ohio State University Medical School Department of Orthopedic Surgery Visiting Professor, March 11, 1994.

"Giant Cell Tumor of Bone," Ohio State University Medical School Department of Orthopedic Surgery Visiting Professor, March 11, 1994.

"Benign Bone Tumors," American Academy of Orthopaedic Surgeons Annual Meeting, Instructional Course lecture, Orlando, Florida, 1995.

"Osteosarcoma and Variants," AAOS Comprehensive Review Course for Orthopedic Surgeons, Chicago, Illinois, March 1995.

"Round Cell Tumors," AAOS Comprehensive Review Course for Orthopedic Surgeons, Chicago, Illinois, March 1995.

"Lymphoma of Bone," University of Chicago Visiting Professor, Chicago, Illinois, June, 1995.

"Benign Bone Tumors Instructional Course," AAOS Annual Meeting, Atlanta, GA, February, 1996.

"Osteosarcoma and Variants," AAOS Comprehensive Review Course for Orthopedic Surgeons, Chicago, IL, March, 1996.

"Round Cell Tumors," AAOS Comprehensive Review Course for Orthopedic Surgeons, Chicago, IL, March 1996.

"Application and Usage of Tissue and Bone," Illinois Coroners and Medical Examiners Association, Chicago, IL, November 26, 1996.

"The Usage of Calcium Sulfate as a Bone Void Filler and Drug Delivery," Snowmass, Colorado, January 1997.

"The Role of a Modular Segmental Prosthesis," Snowmass, Colorado, January 1997.

"Osteosarcoma and Variants," AAOS Comprehensive Review Course for Orthopedic Surgeons, Chicago, Illinois, March 1997.

"Round Cell Tumors," AAOS Comprehensive Review Course for Orthopedic Surgeons, Chicago, Illinois, March 1997.

"The Role of Modular Prosthesis and Management of Bone Defects," Northwestern Grand Rounds, Chicago, Illinois, November 21, 1997.

"Benign Bone Tumors," The National Center for Advanced Medical Education Speciality Review in Orthopedic Surgery, Chicago, Illinois, June 20, 1997.

"Malignant Bone Tumors," The National Center for Advanced Medical Education, Speciality Review in Orthopaedic Surgery, Chicago, Illinois, June 20, 1997.

"The Management of Bony Defects," Orthopaedic Review Course, West Palm Beach, Florida, October, 1997.

"The Role of a Modular Oncology Prosthesis," Orthopaedic Review Course, West Palm Beach, Florida, October, 1997.

"Metastatic Disease of the Proximal Femur: What Technique to Select," AAOS Annual Meeting, New Orleans, Louisiana, March, 1998.

"Benign Bone Tumors," AAOS Annual Meeting, New Orleans, Louisiana, March, 1998.

"Osteoset (Calcium Sulfate) as a Bone Void Filler," Paris, France, May 20, 1998.

"Osteoset (Calcium Sulfate) as an Antibiotic Delivery Implant," Paris, France, May 20, 1998.

"Round Cell Tumors," AAOS Comprehensive Review Course for Orthopaedics Surgeons, Chicago, Illinois, May 10, 1998.

"Osteosarcoma and Variants," AAOS Comprehensive Review Course for Orthopedic Surgeons, Chicago, Illinois, May 10, 1998.

"Osteosarcoma," University of Arizona Visiting Professor, Tucson, Arizona, June 27, 1998.

"Benign Bone Tumors," University of Arizona Visiting Professor, Tucson, AZ, June 27, 1998.

"Benign Bone Tumors," The Chicago Orthopedic Board Review, July 14, 1998.

"Malignant Bone Tumors," The Chicago Orthopedic Board Review, July 14, 1998.

"Reconstruction of the Knee after Tumor Surgery: Short and Long Term Complications," Chang Gung Medical Center, Taipei, Taiwan, November 16, 1998.

"Adamantinoma", Mt. Carmel/Ohio State University Orthopaedic Grand Rounds, Columbus, Ohio, August 28, 1998.

"The Staging and Management of Soft Tissue Sarcomas", Mt. Carmel/Ohio State University Orthopaedic Grand Rounds, Columbus, Ohio, August 28, 1998.

"The Role of Calcium Sulfate as a Bone Void Filler and Drug Delivery", Mt. Carmel/Ohio State University Orthopaedic Grand Rounds, Columbus, Ohio, August 28, 1998.

"Limb Salvage and Joint Reconstruction Following Tumor Surgery", Advances in Total Joint Arthroplasty, Aspen, Colorado, January 15, 1999.

"Management of Bony Defects: A Clinical Assessment of Calcium Sulfate," Advances in Total Joint Arthroplasty, Aspen, Colorado, January 15, 1999.

"The Role of Calcium Sulfate as a Bone Void Filler and Drug Delivery", Vanderbilt University School of Medicine, January 22, 1999.

"Adamantinoma", Vanderbilt University School of Medicine, January 22, 1999.

"Osteosarcoma and Variants", AAOS Fifteenth Annual Comprehensive Review Course for Orthopaedic Surgeons, Chicago, Illinois, March 14, 1999.

"Round Cell Tumors", AAOS Fifteenth Annual Comprehensive Review Course for Orthopaedic Surgeons, Chicago, Illinois, March 14, 1999.

"Knee Reconstruction After Tumor Resection", Charles H. Herndon, M.D., International Symposium on Bone Allografts, Washington, D.C., May 1, 1999.

"The Use Of Calcium Sulfate As A Bone Graft Substitute." University of Chicago, Department of Orthopedic Surgery, June 16, 1999.

"Use Of Osteoset As A Bone Graft Substitute," 12th Congress Mineiro Ortopedia, Belo Horizonte, Brazil, June 26, 1999.

"Sarcoma (Soft Tissue): Staging and Management." 12th Congress Mineiro Ortopedia, Belo Horizonte, Brazil, June 26, 1999.

"Metastatic Disease Of The Proximal Femur. What Technique To Use?" 12th Congress Mineiro Ortopedia, Belo Horizonte, Brazil, June 26, 1999.

"Reconstruction Of The Knee After Tumor Surgery." 12th Congress Mineiro Ortopedia, Belo Horizonte, Brazil, June 26, 1999.

"New Frontiers in Synthetic Bone Graft Materials," Mayo Clinic Orthopaedic Alumni Meeting, Rochester, Minnesota, October, 1999.

"The Treatment of Bone Infections with Calcium Sulfate and Tobramycin," The Italian Society of Orthopedics and Traumatology, Rome, Italy, November 9, 1999.

"The History and Role of Calcium Sulfate as a Bone Graft Substitute," Advances in Total Joint Arthroplasty, Aspen, Colorado, January 13, 2000.

"The Use of Calcium Sulfate (Osteoset) as a Bone Graft Substitute, West Virginia Orthopedic Association, Charleston, West Virginia, January 22, 2000.

"Benign Bone Tumors, Up Close and Personal," AAOS Annual Meeting, Orlando, Florida, March 15, 2000.

"The Use Of Allografts In Orthopedic Surgery." Instructional Course Lecture, AAOS Annual Meeting, Orlando, Florida, March 16, 2000.

"Metastatic Disease Of The Proximal Femur. What Technique To Select?" AAOS Annual Meeting Symposium, Orlando, Florida, March 17, 2000.

"Reconstruction Of The Hip and Proximal Femur," MSTS Annual Meeting, Orlando, Florida, March 18, 2000.

“The Use of Allografts In Orthopedic Surgery, Illinois Orthopedic Society Annual Meeting, Champaign, Illinois, April 7, 2000.

“Benign Bone Tumors,” University of Illinois Medical School, Champaign, Illinois, April 20, 2000.

“Osteosarcoma,” University of Illinois Medical School, Champaign, Illinois, April 20, 2000.

“The Use Of Allografts In Orthopedic Surgery,” Department of Orthopedic Surgery, Hinsdale Hospital, Hinsdale, Illinois, April 18, 2000

“Osteosarcoma and Variants”, AAOS Sixteenth Annual Comprehensive Review Course for Orthopedic Surgeons, Chicago, Illinois, April 30, 2000.

“Round Cell Tumors”, AAOS Sixteenth Annual Comprehensive Review Course for Orthopedic Surgeons, Chicago, Illinois, April 30, 2000.

“The Use Of Allografts In Orthopedic Surgery”, Medical Grand Rounds Rush Medical College, Chicago, Illinois, June 9, 2000.

“The Use of Calcium Sulfate and Demineralized Bone Matrix For Benign Lesions Of Bone”, Visiting Professor Orlando Regional Medical Center, Orlando, Florida, September 22, 2000.

“History And Pre-clinical Results Of Calcium Sulfate: Why It Works” 2000 Early Fall Clinical Course Total Joint Arthroplasty Current Issues, Concepts & Considerations, Naples, Florida, October 7, 2000.

“The Biology of Bone Grafting” Winter 2001 Clinical Course Advances in Total Joint Arthroplasty, Paradise Island, Bahamas, January 11, 2001.

“Calcium Sulfate with DBM-Stacking The Deck” Winter 2001 Clinical Course Advances in Total Joint Arthroplasty, Paradise Island, Bahamas, January 11, 2001.

“Limb Salvage and Knee Replacement Facing Severe Bone Loss” Winter Clinical Course Advances in Total Joint Arthroplasty, Paradise Island, Bahamas, January 11, 2001.

“The Use Of Allografts In Orthopedic Surgery” Instructional Course Lecture, American Academy of Orthopaedic Surgeons, San Francisco, California, March 1, 2001.

“Osteosarcoma and Variants” Seventeenth Annual Comprehensive Review Course For Orthopaedic Surgeons #3353, American Academy of Orthopaedic Surgeons, Chicago, Illinois, March 25, 2001.

“Round Cell Tumors” Seventeenth Annual Comprehensive Review Course For Orthopaedic Surgeons #3353, American Academy of Orthopaedic Surgeons, Chicago, Illinois, March 25, 2001.

“Biologics-An Overview & Clinical Results.” Spring Joint Symposium, Medical College of Wisconsin, Kohler, Wisconsin, June 1, 2001.

“Bone Allografts in Limb Reconstruction In Orthopedic Oncology.” 20th Century Orthopaedic Association Annual Meeting, Alberta, Canada, August 10, 2001.

“Bone Graft Substitutes.” Department of Orthopedic Surgery Grand Rounds, University of Oregon, Portland Oregon, August 27, 2001.

“Managing Severe Bone Loss Using Oncologic Options,” Winter 2002 Clinical Course Advances in Total Joint Arthroplasty, Nassau, Bahamas, January 25, 2002.

“Calcium Sulfate: Experimental Work Clinical Experience with Calcium Sulfate,” Winter 2002 Clinical Course Advances in Total Joint Arthroplasty, Nassau, Bahamas, January 26, 2002.

“Biologic Solutions To Bone Loss in The Presence Of Infection,” Winter 2002 Clinical Course Advances in Total Joint Arthroplasty, Nassau, Bahamas, January 26, 2002.

“Bone Graft Substitutes, Matrix,” AAOS MSTs Specialty Day, AAOS Annual Meeting, Dallas, Texas, February 16, 2002.

“The Use of Allografts in Orthopedic Surgery; *Bone Banking and Bone Graft Substitutes.*” Milwaukee Orthopedic Society, March 12, 2002.

“Osteosarcoma and Variants,” Eighteenth Annual Comprehensive Review Course For Orthopaedic Surgeons #3401, Chicago, Illinois, March, 2002.

“Round Cell Tumors,” Eighteenth Annual Comprehensive Review Course For Orthopaedic Surgeons #3401, Chicago, Illinois, March, 2002.

“The Use of Allografts in Orthopaedic Surgery”, Orthopaedic Surgery Grand Rounds Christ Hospital, Oak Lawn, Illinois, April 5, 2002.

“Early Clinical Experience With Antibiotic Impregnated Calcium Sulfate,” Vienna, Austria, June 21, 2002.

“Response of Calcium Sulfate in a Confined Canine Cancellous Defect,” Vienna, Austria, June 21, 2002.

“Managing Severe Bone Loss of the Knee: Using Oncological Options,” Vienna, Austria, June 21, 2002.

“The Use of an Expandable Prosthesis for Pediatric Sarcomas,” ISTA meeting, Oxford, England Sept. 27, 2002.

“The Use of Bone Graft Substitutes In the Orthopedic Oncology Patient,” ISTA meeting, Oxford, England, Sept. 27, 2002.

“The Use Of A Closed Expandable Prosthesis For Pediatric Sarcomas,” Mario Campanacci Memorial Meeting, Bologna, Italy, October 9, 2002.

“Bone Graft Substitutes”, Washington Orthopedic Society, Washington, D.C. October 14, 2002.

“The Use of Calcium Sulfate As a Bone Graft Substitute and Matrix Carrier”, Campbell Clinic Grand Rounds, Memphis, Tenn. January 20, 2003.

“Oncology Review”, AAOS Review Course, Annual Meeting American Academy Orthopaedic Surgeons, New Orleans, La., February 6, 2003.

“The Use Of Calcium Sulfate To Locally Deliver Antibiotics For Chronic Osteomyelitis”, Memphis Orthopedic Society, Memphis, Tenn., April, 10, 2003.

“Bone Graft Substitutes For Benign Bone Tumors”, St. Jude’s Childrens Hospital Tumor Board, Memphis, Tenn., April 11, 2003.

“Round Cell Tumors”, 19th Annual Comprehensive Review Course For Orthopaedic Surgeons, Chicago, Illinois May 12, 2003.

“Osteosarcoma”, 19th Annual Comprehensive Review Course For Orthopaedic Surgeons, Chicago, Illinois May 12, 2003.

“Bone Graft Substitutes”, Wright Medical Technology Distributor Training Forum, Chicago, Illinois, May 31, 2003.

“The Use of Bone Graft Substitutes For Orthopaedic Oncology”, Virginia Orthopaedic Association, Richmond, Virginia, June 5, 2003.

“Osteosarcoma and Variants, Current Concepts”, University of Virginia Medical School, Richmond, Virginia, June 6, 2003.

“Use of Bone Graft Substitutes In Orthopaedic Oncology,” Puerto Rico Orthopedic & Traumatology Society, San Juan, Puerto Rico, August 29, 2003.

“Local Antibiotic Delivery For Osteomyelitis,” Puerto Rico Orthopedic & Traumatology Society, San Juan, Puerto Rico, August 29, 2003.

“Functional and Oncological Outcomes For Giant Cell Tumor Treated By Intralesional Excision With Joint Preservation,” International Symposium Of Limb Salvage (ISOLS), Rio De Janeiro, Brazil, September 14, 2003.

“The Use Of A Closed Expandable Prosthesis For Pediatric Sarcomas,” International Symposium Of Limb Salvage (ISOLS), Rio De Janeiro, Brazil, September 14, 2003.

“Functional Outcomes With The Use Of Bone Graft Substitutes For Benign Bone Tumors,” International Symposium Of Limb Salvage (ISOLS), Rio De Janeiro, Brazil, September 14, 2003.

“Functional Outcomes With The Use Of Bone Graft Substitutes For Benign Bone Tumors,” Taiwan Orthopedic Association Annual Meeting, Taipei, Taiwan, October, 24, 2003.

“The Use Of Bone Graft Substitutes For Benign Bone Tumors,” Loyola Orthopaedic Surgery Grand Rounds, Loyola Medical School, Maywood, Illinois, November 13, 2003.

“The Use Of Bone Graft Substitutes For Benign Bone Tumors,” Wayne State University/Henry Ford Hospital Combined Orthopaedic Grand Rounds, Detroit, Michigan, December 3, 2003.

“The Use Of A Closed Expandable Prosthesis For Pediatric Sarcomas,” Wayne State University/Henry Ford Hospital Combined Orthopaedic Grand Rounds, Detroit, Michigan, December 3, 2003.

“Osteosarcoma And Variants,” Wayne State University/Henry Ford Hospital Combined Orthopaedic Grand Rounds, Detroit, Michigan, December 3, 2003.

“Orthopaedic Oncology For Foot And Ankle Surgeons,” Department of Podiatry and Orthopaedic Surgery, Alexian Brothers Medical Center, December 12, 2003.

“The Use Of A Closed Expandable Prosthesis For Pediatric Sarcomas,” University of Iowa, Department of Orthopaedic Surgery, February 14, 2004.

“Functional Outcomes With The Use Of Bone Graft Substitutes For Benign Bone Tumors,” University of Iowa, Department of Orthopaedic Surgery, February 14, 2004.

“Oncology Review Course,” AAOS Annual Meeting, San Francisco, California, March 11, 2004.

“Osteosarcoma Current Concepts,” Illinois Association of Orthopedic Surgeons Annual Meeting, Springfield, Illinois, May 8, 2004.

“Osteosarcoma and Small Round Cell Tumors,” 20th Annual Comprehensive Review Course, #3535, AAOS, Chicago, Illinois, May 10, 2004.

“Current Concepts Osteosarcoma,” Department Of Orthopedic Surgery Grand Rounds, Northwestern University Medical School, Chicago, Illinois, June 25, 2004.

“Local and Systemic Levels of Tobramycin Delivered From Calcium Sulfate Bone Graft Substitute Pellets,” Association of Bone and Joint Surgeons, Symposium on Musculoskeletal Infections, Tampa, Florida, November 14, 2004.

“Orthopaedic Oncology Update,” Detroit Orthopaedic Association, Detroit, Michigan, March 14, 2005.

“Giant Cell Tumor of Bone and Bone Graft Substitutes For Benign Bone tumors,” XIV Course Of Tumors Of The Musculoskeletal System, Barcelona, Spain, March 18, 2005.

“Current Trends in Management of Adamantinoma,” XIV Course Of Tumors Of The Musculoskeletal System, Barcelona, Spain, March 18, 2005.

“Tumor Treatment and the Use of the Expandable Prosthesis in Growing Children: Advantages/Disadvantages vs. More Standard Limb Salvage and Amputation.” Pediatric Orthopedic Society, AAOS Annual Meeting, Chicago, Illinois, March 25, 2006.

“The Use Of Allografts In Orthopaedic Surgery,” Funeral Directors of Illinois, Elmhurst, Illinois, April, 27, 2006.

“Orthobiologic Solutions for Revision Surgery,” Contemporary Techniques in Revision Hip and Knee Arthroplasty, Chicago, Illinois July 27, 2006.

“An Orthopaedic Oncologist’s Perspective on Revision Knee Surgery,” Contemporary Techniques in Revision Hip and Knee Surgery, Chicago, Illinois July 27, 2006.

“Modular Oncology Knee Prostheses Are Good...But Not That Good.” 20th Century Orthopaedic Association Annual Meeting, Samoset, Maine, August 25, 2006.

“Limb Salvage for Tumors About The Knee.” University of Chicago, Orthopaedic Grand Rounds, Chicago, Illinois February 5, 2007.

“Pro-Dense; Science and Use in Tumor Surgery,” Innovations In Total Joint Arthroplasty, St. Petersburg, Florida, March 16, 2007.

“Review of Orthopaedic Oncology,” Department of Orthopedic Surgery, University of Toledo Medical Center, Toledo, Ohio, 4/14/07.

“Limb Salvage in Adults and Children,” Department of Orthopedic Surgery, University of Toledo Medical Center, Toledo, Ohio, 4/14/07.

“Modular Oncology Knee Prostheses Are Good...But Not That Good,” Illinois Orthopaedic Society Annual Meeting, Lake Geneva, Wisconsin, 10/06/07.

“Advanced Bone Regeneration,” Department of Orthopaedic Surgery, University of Illinois Medical School, Chicago, Illinois, 2/09/08.

“Advanced Bone Regeneration,” NAON, AAOS Annual Meeting, San Francisco, California 3/05/08.

“Allografts,” Loyola University Medical Center, Chicago, Illinois, April 5, 2008.

“Metastatic Bone Disease,” NAON Chicago Chapter, Westmont, Illinois, April 29, 2008.

“Orthopaedic Allografts, Procurement, Processing and Clinical Use,” NATCO, Boston, Mass., 8/12/08

“Giant Cell Tumor of the Radius,” Italian Hand Surgery Society, Palermo, Italy, 9/15/2008.

“Giant Cell Tumor of the Distal Radius,” Excise/resect, Arthroplasty/Arthrodesis,” 20th Century Orthopaedic Association, San Destin, Florida, October 11, 2008.

“Modular Oncology Knee Prosthesis,” University of Illinois Department of Orthopedic Surgery Grand Rounds, Chicago, Illinois, November 22, 2008.

“Current Concepts In The Management Of Metastatic Bone Disease...Or What Your Cancer Does To My Bone,” Depeyster Memorial Lecture. Rush University, Chicago, Illinois, 4/15/09.

“Round Cell Tumors,” University of Illinois Medical School Department of Orthopedic Surgery, Chicago, Illinois, May 2, 2009.

“Outcomes In The Treatment Of Benign Bone Lesions Using An Engineered Bioceramic,” Northwest Indiana Orthopedic Group, Merrillville, Indiana, 5/6/09.

“The Use Of A Closed Expandable Prosthesis For Pediatric Sarcomas,” Japanese Orthopedic Association Annual Meeting, Fukuoko, Japan, 5/16/09.

“The Use Of A Closed Expandable Prosthesis For Pediatric Sarcomas,” Ooita University, Oita, Japan, 5/17/09

“Orthopedic Department Quality Officer, The New Cop In Town” 20th Century Orthopedic Association Annual Meeting, Mount Tremblant, Canada, 8/15/09.

“Giant Cell Tumor of the Radius,” Northwestern University, Chicago, Illinois, 1/15/2010.

“Renal Cell Carcinoma Of Bone,” Rush University Medical Center, Dr. Wolter Retirement Cancer Symposium, 2/27/10.

“Translational research: Outcomes in the treatment of benign bone tumors with an engineered bioceramic.” ASTM meeting, Saint Louis, Mo. 5/18/2010.

“Department of Orthopedic Surgery Quality Program,” Board of Trustees Rush University, Chicago, Illinois 5/19/2010.

“Orthopedic Oncology Principles,” University of Illinois Medical School, Chicago, Illinois 6/5/10.

“Current Concepts Osteosarcoma,” Psychiatry Rush University, Chicago, Illinois 9/23/2011.

“Bioceramics in the Treatment of benign Bone Tumors,” Wright Medical Technology, Los Angeles, California, 3/2/13.

“Bone and Soft Tissue Tumors,” Rush Medical College Physician Assistants, Chicago, Illinois 5/15/13.

“Resection of Tumors of the Proximal Humerus,” Stryker Orthopedic Oncology Course for Fellows. Mahwah, New Jersey, 10/19, 2013.

PRESENTATIONS:

"The Use of Bioabsorbable Membrane to Block Tendon Adhesions", American Society of Biomaterials, Philadelphia, PA, 1976.

"The Use of a Bioabsorbable Membrane to Block Tendon Adhesions", American Association of Hand Surgery Annual Meeting, Boston, MA, 1976.

"Cheilectomy in Legg-Calve-Perthes Disease", Pediatric Orthopedic Day, Denver Children's Hospital, Denver, CO, 1978.

"The Effects of Weight Bearing on the Bone-Cement Interface After Total Hip Arthroplasty", Society Biomaterials, Clemson University, Clemson, SC, April 1979.

"The Effects of Weight Bearing on the Bone-Cement Interface After Total Hip Arthroplasty", Hip Society, (Stinchfield Award), AAOS Annual Meeting, San Francisco, CA, 1979.

"The Treatment of Metastatic Foci of the Proximal Femur", American Academy of Orthopedic Surgeons Annual Meeting, Las Vegas, NV, February 1981.

"The Results of Surgical Treatment for Chondrosarcoma of Bone", Chicago Surgical Society, December 1981.

"Limb Salvage in the Management of Bone Tumors Utilizing Fiber Metal Implants", AAOS Annual Meeting, New Orleans, LA, 1982.

"The Surgical Treatment for Chondrosarcoma of Bone", Chicago Orthopedic Society, April 1982.

"The Response of Muscle to Training", Bulldog Strength and Conditioning Clinic, Riverside-Brookfield Township High School, December 4, 1982.

"The Surgical Reconstruction of the Knee After Tumor Surgery", Chicago Orthopaedic Society, March 1983.

"The Use of a Fiber Metal Prosthesis to Reconstruct the Limb After Tumor Surgery", Musculoskeletal Tumor Society, Cleveland, OH, April 1983.

"Segmental Replacement of Long Bones Using Titanium Fiber Metal Composite Following Tumor Resection: Clinical and Animal Research", 2nd International Workshop of the Design and Application of Tumor Prosthesis for Bone and Joint Reconstruction, Vienna, Austria, September 1983.

"The Surgical Reconstruction of the Knee After Tumor Surgery", Louisiana Orthopedic Association Annual Meeting, October 1983.

"Use of Fibermetal Prosthesis for Skeletal Reconstruction After Resection of Bone Tumors", First International Congress on Advances in Orthopedic Surgery and Traumatology, Palm Springs, CA, April 1984.

"Bone Cancer in Children", Recent Advances in Childhood Malignancies, Rush Cancer Center, Chicago, IL, June 1984.

"Clinical Application of Bone Transplantation", Our Lady of Mercy Hospital, Dyer, IN, July 1984.

"Alternative for the Surgical Reconstruction of the Hip and Knee After Tumor Surgery", Illinois Orthopaedic Society Annual Meeting, St. Charles, IL, September 1984.

"Computerized Axial Tomography of the Pelvis and Extremities", American Academy of Orthopaedic Surgery Annual Meeting, Las Vegas, NV, January 25, 1985.

"Bone Banking and Transplantation", Transplantation Update, St. Catherine Hospital, Highland, IN, January 19, 1985.

"Use of Allografts in Skeletal Reconstruction Following Tumor Surgery", Chicago Orthopaedic Society, February 8, 1985.

"Tumor Induced Adult Onset Hypophosphatemic Osteomalacia: A Case Report and a Study of the Pathophysiology", Musculoskeletal Tumor Society Annual, San Francisco, CA, June 7, 1985.

"Bone Metastasis", National Association of Orthopaedic Nurses Annual Meeting, Chicago, IL, June 11, 1985.

"Magnetic Resonance Imaging of Soft Tissue Masses: Comparison with Computed Tomography", American Roentgen Ray Society Annual Meeting, Boston, MA, April 1985.

"The Natural History of Chondrosarcoma", Multi-Disciplinary Approach to the Diagnosis and Treatment of Bone Tumors, Chicago, IL, October 11, 1985.

"Allograft Reconstruction in Bone Tumors", Multi-Disciplinary Approach to the Diagnosis and Treatment of Bone Tumors, Chicago, IL, October 11, 1985.

"The Management of Osteosarcoma", Chicago Orthopedic Society Meeting, Chicago, IL, January 10, 1986.

"The Use of Fresh Frozen Allografts to Replace Large Bone Defects", Illinois Orthopaedic Society, Springfield, IL, September 27, 1986.

"The Use of Allografts in Revision Hip Arthroplasty", American Academy of Orthopaedic Surgery Annual Meeting, San Francisco, CA, January 26, 1987.

"Allograft Prosthetic Composite Arthroplasty of the Hip and Knee for Marked Bone Deficiency", Chicago Orthopaedic Society, May 8, 1987.

"Allograft Prosthetic Composite Arthroplasty for Marked Bone Deficiency", Musculoskeletal Tumor Society Meeting, Toronto, Canada, May 22, 1987.

"The Use of Allografts for Skeletal Reconstruction", Clinical Orthopaedic Society Annual Meeting, Chicago, IL, October 8, 1987.

"Large Bone Allograft", 7th Joint Congress of the Asian and Pacific Federation of the International College of Surgeons, Taipei, Taiwan R.O.C., November 4, 1987.

"The Use of Allografts to Replace Large Bone Defects", St. Catherine Hospital, Medical Intelligence Symposium, Highland, IN, November 14, 1987.

"Management of Soft Tissue Sarcoma", Midwest Clinical Conference, Chicago, IL, March 4, 1988.

"Limb Salvage Procedure for Extremity Sarcomas", Chicago Orthopedic, Chicago, IL, May 13, 1988.

"Cell Cloning of Human Chondrosarcoma", Orthopaedic Research Society, Atlanta, GA, February 1988.

"The Effects of Adjuvant Pre-operative Radiation on the Pseudocapsule of Soft Tissue Sarcomas", Orthopaedic Research Society, Atlanta, GA, February 1988.

"Characterization of the Pseudocapsule of Soft Tissue Sarcomas: An Experimental Study", Musculoskeletal Tumor Society, Minneapolis, MN, May 6, 1988.

"Clonal Analysis of Human Chondrosarcoma", Orthopaedic Research Society, Las Vegas, NV, February 8, 1989.

"Limb Salvage for Extremity Sarcomas", American Academy of Orthopaedic Surgery Annual Meeting, Las Vegas, NV, February 11, 1989.

"A Clinical and Roentgenographic Comparison of Cemented and Ingrowth Fixation of the Miller-Galante Total Knee Arthroplasty at Two-Five Year Follow-up", American Academy of Orthopaedic Surgery Annual Meeting, Las Vegas, NV, February 13, 1989.

"Long Term Culture of Human Chondrosarcoma Clones Producing Keratan Sulfate", Orthopaedic Research Society, Las Vegas, NV, February 6, 1989.

"Giant Cell Tumor (GCT): CT Versus MRI in Preoperative Planning", American Roentgen Ray Society, New Orleans, LA, May, 1989.

"Limb Salvage for Extremity Sarcomas", Mid America Orthopaedic Association Meeting, Bermuda, April 22, 1989.

"Primary Total Hip Reconstruction with a Cementless Titanium Fiber Coated Prosthesis", American Orthopedic Association Annual Meeting, Colorado Springs, CO, June 15, 1989.

"Clonal Analysis of Human Chondrosarcomas", Musculoskeletal Tumor Society, Bologna, Italy, September 11, 1989.

"Allograft Prosthetic Composite Arthroplasty for Limb Salvage and Revision Arthroplasty", International Symposium on Limb Salvage, St. Malo, France, September 7, 1989.

"Allograft Prosthetic Composite Arthroplasty for Limb Salvage and Revision Arthroplasty", International Symposium on Limb Salvage, St. Malo, France, September 7, 1989.

"Complications of Fresh Frozen Bone Allografts for Tumor Reconstruction and Their Management", International Symposium on Limb Salvage, St. Malo, France, September 6, 1989.

"Massive Allograft Prosthetic Composite Reconstruction of Failed Hip", American Academy of Orthopaedic Surgery Annual Meeting, New Orleans, LA, February 13, 1990.

"Phenotypic Stability of Mature Human Malignant Chondrocytes in Long Term Monolayer Culture". Orthopaedic Research Society Annual Meeting, New Orleans, LA, February 1990.

"Massive Allograft Prosthetic Composite Reconstruction of the Failed Hip", American Academy of Orthopedic Surgeons Annual Meeting, New Orleans, LA, February 1990.

"Collagen Production by Human Chondrosarcoma Cell Lines in Long Term Culture". Orthopaedic Research Society Annual Meeting, New Orleans, LA, February 1990.

"Complications of Fresh Frozen Bone Allografts for Tumor Reconstruction and Their Management", American Academy of Orthopaedic Surgery Annual Meeting, New Orleans, LA, February 12, 1990.

"Structural Allografts in Revision Total Knee Arthroplasty", American Academy of Orthopaedic Surgeons Annual Meeting, Anaheim, CA, March 11, 1991.

"En Bloc Resection Versus Intralesional Excision for Extremity Giant Cell Tumor Bone," AAOS Annual Meeting, Washington, D.C., February 24, 1992.

"Cortical Allograft Struts for Femoral Bone Stock Deficiency," AAOS Annual Meeting, Washington, D.C., February 21, 1992.

"Early Cementless Acetabular Failure Following Prior Pelvic Irradiation," AAOS Annual Meeting, San Francisco, CA, February 20, 1993.

"Cellular Heterogeneity and Chromosomal Abnormalities in Chondrosarcoma". Orthopaedic Research Society Annual Meeting, San Francisco, CA, February 1993.

"The Process of Dedifferentiation of Human Chondrosarcoma". American Orthopaedic Association, San Diego, CA, June 1993.

"The Effectiveness of Limb Salvage for Extremity Sarcomas," Association of Bone and Joint Surgeons, San Diego, CA, May 1994.

"Osteosarcoma of the Foot." Rush University Orthopedic Thesis Day, June 17, 1994.

"Limb Salvage for Extremity Sarcomas," Rush University Orthopedic Thesis Day, June 17, 1994.

"Multiple Tumor Suppressor I (MTSI) Status in Human Chondrosarcoma," Orthopaedic Research Society, Orlando, FL, February 13, 1995.

"Multiple Tumor Suppressor I (MTSI) Status in Human Chondrosarcoma," Musculoskeletal Tumor Society, Florence, Italy, May 8, 1995.

"P-16 Gene Deficiency in Human Chondrosarcoma," AAOS Annual Meeting, Atlanta, GA, February, 1996.

"Benign Bone Tumors," AAOS Annual Meeting Instruction Course, San Francisco, CA, February 1997.

"Use of Allografts in Orthopedic Reconstruction," AAOS Annual Meeting Instruction Course, San Francisco, CA, February 1997.

"Massive Allograft Prosthetic Composite Reconstruction of the Failed Hip," AAOS Annual Meeting, San Francisco, CA, February 1997.

"The Role of a Modular Oncology Prosthesis for Tumor Reconstruction," Association of Bone and Joint Surgeons, Phoenix, AZ, May 5, 1997.

"Reconstruction of the Knee After Tumor Surgery, Short and Long Term Complications," AOA, Auckland, New Zealand, February, 1998.

"Calcium, Sulfate Hemihydrate as a Bone Void Filler and Drug Delivery Matrix," AOA, Auckland, New Zealand, February, 1998.

"Staging and Management of Soft Tissue Sarcoma," MSTS Combined Meeting, Washington, D.C., May, 1998.

"Adamantinoma," MSTS Combined Meeting, Washington, D.C., May, 1998.

"Adamantinoma," 20th Century Orthopaedic Association, Portland, OR, September, 1998.

"The Staging of Soft Tissue Sarcoma," American Academy of Orthopaedic Surgeons Annual Meeting, Anaheim, California, February 8, 1999.

"Adamantinoma of Bone," American Academy of Orthopaedic Surgeons Annual Meeting, Anaheim, California, February 6, 1999.

"The Use of Allografts in Orthopaedic Surgery," Instructional Course Lecture, American Academy of Orthopaedic Surgeons Annual Meeting, Anaheim, California, February 6, 1999.

"Benign Bone Tumors," Instructional Course Lecture, American Academy of Orthopaedic Surgeons Annual Meeting, Anaheim, California, February 8, 1999.

"Efficacy of Calcium Sulfate, a Synthetic Bone Graft Material in Healing a Large Cancerous Medullary Defect," Orthopaedic Research Society, Anaheim, California, February 1999.

"The Use Of A Calcium Sulfate (Osteoset) Based Bone Graft Substitute For Benign Lesions Of Bone." The 12th Annual International Symposium for Technology in Arthroplasty, Chicago, Illinois, September, 1999.

“Limb Salvage And Joint Reconstruction After Tumor Surgery.” The 12th Annual International Symposium for Technology in Arthroplasty, Chicago, Illinois, September, 1999.

“Total Hip Arthroplasty Using Proximal Femoral Allograft Prosthetic Composites.” AAOS Annual Meeting, March, 16, 2000.

“The Use of Calcium Sulfate and Demineralized Bone Matrix as a Bone Graft Substitute for Treatment of Benign Lesions of Bone.” 20th Century Orthopaedic Association Annual Meeting, Bolton Landing, New York, August 12, 2000.

“The Use of Demineralized Bone Matrix(DBM) and Calcium Sulfate (Osteoset) As A Bone Graft Substitute For Benign Lesions Of Bone.” American Academy of Orthopaedic Surgeons Annual Meeting, San Francisco, California, March 1, 2001.

“Antibiotic Delivery From Calcium Sulfate as a Synthetic Bone Graft” Asia Pacific Orthopaedic Association 13th Triennial Congress, Adelaide, Australia, April 4, 2001.

“The Use of Surgical Grade Calcium Sulfate (Osteoset) and Demineralized Bone Matrix (Allogro) as a Bone Graft For Treatment of Benign Bone Lesions” Asia Pacific Orthopaedic Association 13th Triennial Congress, Adelaide, Australia, April 4, 2001.

“The Treatment of Chronic Osteomyelitis With A Biodegradable Antibiotic Delivery Implant(Osteoset); A Clinical Study” Asia Pacific Orthopaedic Association 13th Triennial Congress, Adelaide Australia, April 4, 2001.

“The Use of Surgical Grade Calcium Sulfate (Osteoset) and Demineralized Bone Matrix (Allogro) as a Bone Graft Substitute for Benign Lesions Of Bone” Mid-America Orthopaedic Association 19th Annual Meeting, Amelia Island, Florida, April 21, 2001.

“The Use of a Surgical Grade Calcium Sulfate as a Bone Graft Substitute: Results from the Multi-Center Clinical Trial” Mid-America Orthopaedic Association 19th Annual Meeting, Amelia Island, Florida, April 21, 2001.

“Metal Levels In Patients With Metal-on-Metal Total Hip Replacements,” AAOS Annual Meeting, Dallas, Texas, February 14, 2002.

“Closed Expandable Prosthesis For Pediatric Sarcomas,” 20th Century Orthopaedic Association, Kohler, Wisconsin, August 10, 2002.

“Primary Total Hip Arthroplasty With A Cementless Acetabular Component: Evaluation At A Minimum 15 Years”, AAOS Annual Meeting, New Orleans, La., February 7, 2003.

“The Treatment Of Osteomyelitis With A Biodegradable Antibiotic-Impregnated Surgical-Grade Calcium Sulfate Implant”, AAOS Annual Meeting, New Orleans, La., February 7, 2003.

“Functional And Oncological Outcomes For Giant Cell Tumor Treated By Intralesional Excision With Joint Preservation”, AAOS Annual Meeting, New Orleans, La., February 6, 2003.

“Functional And Oncological Outcomes For Giant Cell Tumor Treated By Intralesional Excision With Joint Preservation,” 20th Century Orthopaedic Association Annual Meeting, Monterey, California, August 8, 2004.

“Functional And Oncological Outcomes For Giant Cell Tumor Treated By Intralesional Excision With Joint Preservation. 11th Meeting Of The Combined Orthopaedic Associations, Sydney, Australia, October 28, 2004.

“Three Year Study of Serum and Urine Metal Levels In Patients With Metal-On-Metal Total Hip Arthroplasty,” 15th Annual Meeting of American Association of Hip and Knee Surgeons, Dallas, Texas, November 5, 2005.

“Mineralized Bovine Collagen Formulations Mixed with Autogenous Bone Marrow for Restoration of Large Medullary Defects in a Canine Model,” Orthopedic Research Society annual meeting, Chicago, Illinois, March, 2006.

“Increased Amount And Strength Of Restored Bone Using A Slower-Resorbing Tri-Phasic CaSO₄-Based Cement Compared To Conventional CaSO₄ Pellets,” MSTs Annual Meeting, Key West, Florida, June 9, 2006.

“Modular Oncology Knee Prostheses Are Good...But Not That Good.” AAOS Annual Meeting, San Diego, Ca. March 15, 2007.

“Early Radiological Results With A Bio-Engineered Degradable Bone Graft Substitute For Bone Tumors.” Musculoskeletal Tumor Society Annual Meeting, St. Louis, Mo. May 10, 2007.

“Modular Oncology Knee Prostheses Are Good...But Not that Good.” Musculoskeletal Tumor Society Annual Meeting, St. Louis, Mo. May 10, 2007.

“Advanced Bone Regeneration Using An Injectable CaSO₄/CaPO₄-TCP Composite Compared To Autogenous Bone Graft In A Canine Model,” 20th Century Orthopaedic Association annual meeting, Nisswa, Minnesota, August 18, 2007.

“Advanced Bone Regeneration Using An Injectable CaSO₄/CaPO₄-TCP Composite Compared To Autogenous Bone Graft In A Canine Model,” COA/AOA Annual Meeting, Quebec, Canada, 6/05/08

“Outcomes In The Treatment Of Benign Bone Lesions Using An Engineered Bioceramic,” Musculoskeletal Tumor Society Annual Meeting, Phoenix, Arizona, 11/07/08.

“Long Term Outcomes For Giant Cell Tumor Of The Distal Radius,”
Musculoskeletal Tumor Society Annual Meeting, Phoenix, Arizona, 11/07/08.

“Outcomes In The Treatment Of Benign Bone Lesions Using An Engineered
Bioceramic,” Rush University Research Forum, Chicago, Illinois, 4/15/09.

“Outcomes In The Treatment Of Benign Bone Lesions Using An Engineered
Bioceramic,” Materials & Processes for Medical Devices Conference,
Minneapolis, Minnesota, 8/11/09.

“Long Term Oncological Outcomes For Giant Cell Tumor Of The Distal Radius,”
Combined AOA Meeting, Glasgow, Scotland, 9/16/2010.

“Long Term Oncological Outcomes For Giant Cell Tumor Of The Distal Radius,”
Mayo Clinic 9/25/2010.

“Unusual Giant Cell Tumor of Bone,” 20th Century Orthopedic Association
Annual Meeting, Hilton Head, South Carolina, 10/23/2010.

“Histology of Allograft-Prosthesis Composites in Reconstruction of the Bone-
Deficient Proximal Femur,” 20th Century Orthopedic Association Annual
Meeting, Teton Springs, Idaho 8/6/11.

“Histology of Allograft-Prosthesis Composites in Reconstruction of the Bone-
Deficient Proximal Femur,” International Symposium of Limb Salvage, Beijing,
China 9/17/11.

“Oncologic and functional outcomes of surgical treatment for giant cell tumor of
the distal radius”. Poster presentation at *The Musculoskeletal Tumor Society 2012
Annual Meeting*, Tampa, FL.

“Giant Cell Tumor of the Distal Radius Long-Term Oncological & Functional
Outcomes 2008 revisited”, 20th Century Orthopaedic Association Annual
Meeting, New Hampshire, 8/11/2012

“Tissue Donor Screening”, AAOS Annual Meeting, Chicago, Illinois, 3/19/13.

“Clinical Applications of Allograft in Tumor Reconstruction”, AAOS Annual
Meeting, Chicago, Illinois 3/19/13.

“Bioceramics for Benign Bone Tumors”, AAOS Annual Meeting, Chicago,
Illinois, 3/20/13.

“Bone Loss Associated With The Repiphysis Expandable Prosthesis For Treatment Of Pediatric Distal Femoral Malignancies,” MSTS Annual Meeting, San Francisco, Ca. 2013.

“Pulmonary Micronodules Do Not Impact Survival In Young Sarcoma Patients,” 20th Century Orthopaedic Association, Michigan, 2013.

“Pulmonary Micronodules Do Not Impact Survival In Young Sarcoma Patients,” ISOLS, Bologna, Italy, 2013.

“Pulmonary Micronodules Do Not Impact Survival In Young Sarcoma Patients,” CTOS, New York, New York, 2013

“Pulmonary Micronodules Do Not Impact Survival In Young Sarcoma Patients,” MSTS, Annual Meeting, San Francisco, Ca. 2013.

CURRENT RESEARCH:

"Comparison of Nuclear Magnetic Resonance Imaging with Current Imaging Techniques in the Evaluation of Primary Bone Tumors."

"The Use of Tissue Culture Methodology to Study Human Chondrosarcoma."

"The Timing of Adjuvant Radiation in the Management of Soft Tissue Sarcomas."

"Osteosarcoma-Retrospective Clinical Review of the Experience at Rush-Presbyterian-St. Luke's Medical Center."

"Soft Tissue Sarcoma - A Retrospective Clinical Review."

"Induction of Senescence in Myxoid Chondrosarcoma by Microcell Mediated Transfer of Chromosome Nine."

“Allomatrix Injectable Putty. Clinical Evaluation.”

“Local And Systemic Effects Of Tobramycin Released From Calcium Sulfate Tablets Used To Graft A Large Medullary Defect.”

“Metal on Metal Total Hip Arthroplasty, A Prospective Clinical Review”

“The Use of Autologous Platelet Derived Growth Factors to Augment Synthetic Bone Grafts”

SCHOLARLY SOCIETY MEMBERSHIP and Offices Held:

2007	Biological Implants Committee AAOS
2006	20 th Century Orthopaedic Association Treasurer
1998	20th Century Orthopaedic Association
1997-1999	Musculoskeletal Tumor Society President
1995 - 1996	Illinois Orthopaedic Society - President
1994	Illinois Orthopaedic Society - President Elect
1994 - 1996	Musculoskeletal Tumor Society - Chairman Membership Committee
1994	Illinois Orthopaedic Society - Vice President
1992	Illinois Orthopaedic Society - Secretary Illinois State Medical Society American Medical Association Chicago Medical Society
1989 - 1992	Illinois Orthopaedic Society - Treasurer American Association of Tissue Banks Society of Surgical Oncology
1989 - 1992	Clinical Orthopaedic Society Orthopaedic Research Society Fellow - American Academy of Orthopedic Surgeons Fellow - American College of Surgeons Rush Medical College, Alumni Association, Executive Council
1987 - 1989	President, Rush Medical College Alumni Association Associate Editor - "National Strength and Conditioning Journal" American Society of Clinical Oncology

SCHOLARLY SOCIETY MEMBERSHIP (cont.):

1990	(AOA) American Orthopaedic Association
1990	Musculoskeletal Tumor Society Annual Meeting (Co-Chairman)
1992	Association of Arthritic Hip and Knee Surgeons
1993	Association of Bone and Joint Surgeons
1993	International Society of Limb Salvage

MEMBERSHIP AND COMMITTEE ASSIGNMENTS:

2000 - Present	Membership Selection Committee American College of Surgeons
1998 - 2000	Committee on Student Affairs, Rush Medical College
1996 - Present	Faculty Advisory Committee, Rush Medical College
1995	Chairman, Ophthalmology Search Committee, Rush-Presbyterian-St. Luke's Medical Center
1995	Chairman, Nominating Committee Medical Staff, Rush-Presbyterian-St. Luke's Medical Center
1995 - 1998	Program Committee, Subcommittee on Tumors, American Academy of Orthopaedic Surgeons
1994	Member, Orthopedics Search Committee, Rush-Presbyterian-St. Luke's Medical Center
1993 - 1996	Chairman, Rush-Presbyterian-St. Luke's Medical Center Tumor Committee
1993 - Present	Media Representative, American Academy of Orthopaedic Surgeons
1991 - 1998	Musculoskeletal Tumors and Diseases Evaluation, American Academy of Orthopaedic Surgeons Subcommittee
1991 - 1993	Board of Overseers, Board of Trustees, Rush-Presbyterian-St. Luke's Medical Center
1991 - 1993	Steering Committee, Board of Trustees, Rush-Presbyterian-St. Luke's Medical Center
1991 - 1992	Search Committee, Rush Cancer Institute

1989 - Present	Musculoskeletal Council, AATB
1989 - Present	Pediatric Oncology Group
1988 - 1994	Membership Committee, Musculoskeletal Tumor Society
1987 - Present	Children's Cancer Study Group
1987 - 1989	Committee for Senior Faculty Appointments and Promotions, Rush Medical College
1987 - 1990	President, Rush Medical College Alumni Association
1984 - 1989	Orthopaedic Residency Selection Committee, Rush-Presbyterian-St. Luke's Medical Center
1981 - Present	Rush-Presbyterian-St. Luke's Hospital Tumor Committee
1982 - 1987	President Elect, Rush Medical College Alumni Association
1981	Rush University Committee on Research

GRANT SUPPORT:

1986 - 1988	Gitelis, S., Kimura, J.A., Inerot, S., "The use of Tissue Culture Methodology to Study Human Chondrosarcoma". Funded by Orthopedic Research and Education Foundation, 2 year grant, \$72,499.77
1986	Gitelis, S., Turner, T., Sumner R., "The Use of Invasive Electrical Stimulation as a Method to Augment Healing of Allografts: An Experimental Study in Dogs". Funded by University Committee on Research, Rush University, 1 year grant, \$9,811.00
1988 - 1992	Gitelis, S., "Section of Orthopaedic Oncology and Oncological Research". (Unspecified), Judd and Marjorie Weinberg, \$100,000.00
1989-1991	Kimura, J.H. (Principle Investigator), Gitelis, S. (Co-Investigator), "Tissue Culture Models of Cartilage Metabolism". NIH Grant Orthopedics and Musculoskeletal Section, \$215,017.00 (funded 1989)
1991	Gitelis, S., "Section of Orthopaedic Oncology and Oncological Research" (unspecified), Thomas Hunter, \$10,000

National Institute of Health/NCI CA161461-01A1 (R21): 07/09/12-06/30/14
Title: Osteosarcoma Translational Research

Role: Principal Investigator (Zheng), Co-investigator Steven Gitelis
Amount: \$420,750/two years

American Cancer Society-Illinois Division: 08/31/12-08/30/13
Title: In vivo function of Runx2 during osteosarcoma development.

Role: Principal Investigator (Zheng) Co-Investigator, Steven Gitelis

Amount: \$100,000/one year

Goal: Role of Runx2 during osteosarcoma progression and metastasis.

1991 Gitelis, S., Director, Section of Orthopaedic Oncology, "Gertrude Z. Kemper Endowed Research Fund in Orthopaedic Oncology", \$500,000

1991 - 1996 Gitelis, S., Director, Section of Orthopaedic Oncology, Hunter Endowment for Research, \$100,000.

1994 Block, J.A. (Principle Investigator), Gitelis, S. (Co-Investigator), "Tumor Suppressor Gene Abnormalities in Human Chondrosarcoma". Rush Arthritis and Orthopaedic Institute, \$35,000

1996 Endowed Chair Orthopaedic Oncology (Rush Medical College Chair of Orthopaedic Oncology)

1998-Present Gitelis S, Turner T, Urban R. Radiological and Histological Assessment of Calcium Sulfate in Experimental Animal Models and Clinical Use As A Resorbable Bone-Graft Substitute, A Bone Graft Expander, and a Method For Local Antibiotic Delivery. Wright Medical Technology, \$500,000

2007 Turner PI, Gitelis CoPI, Osteoporosis. OREF \$60,000

2009 Zheng PI, Gitelis Co-PI, Expression profiling of giant cell tumor of bone and osteosarcoma. Rush University, \$10,000.

2012 National Institute of Health/NCI CA161461-01A1 (R21): 07/09/12-06/30/14

Title: Osteosarcoma Translational Research

Role: Principal Investigator (Zheng), Co-investigator Steven Gitelis

Amount: \$420,750/two years

American Cancer Society-Illinois Division: 08/31/12-08/30/13
Title: In vivo function of Runx2 during osteosarcoma development.

Role: Principal Investigator (Zheng) Co-Investigator, Steven Gitelis

GRANT SUPPORT (cont.):

Amount: \$100,000/one year

Goal: Role of Runx2 during osteosarcoma progression and metastasis.

2013 McMullen Orthopedic Oncology Research Fund \$150,000

TEACHING ACTIVITIES:

1982-Present Orthopaedic Oncology and Pathology. Rush Presbyterian St. Lukes Medical Center Residency Orthopaedic Surgery

2002 Program Chairman 20th Century Orthopaedic Association Annual Meeting Kohler, Wisconsin

1996 Moderator, Specialty Day, "Genetics and Musculoskeletal Neoplasm" American Academy of Orthopaedic Surgeons Meeting, Atlanta, GA, February, 1996.

1994-1995 Course Director, Orthopaedic Oncology and Pathology Instructional Course Lectures, American Academy of Orthopaedic Surgeon's Annual Meeting.

1993 Ph.D. Dissertation Review Committee (A. Jagasia)

1993 Ph.D. Dissertation Review Committee (Russel Fernandes)

1993-1995 Program Chairman, Musculoskeletal Diseases Instructional Course Lectures, American Academy of Orthopaedic Surgeons.

1993 Program Chairman, Orthopaedic/Berkheiser Lecture, Chicago Medical Society Midwest Clinical Conference, March 6, 1993.

1993 Program Chairman, Musculoskeletal Tumor Society Annual Meeting. American Academy of Orthopaedic Surgeons, San Francisco, California.

1993 "Benign Bone Tumors". American Academy of Orthopaedic Surgeons Instructional Course Lectures. San Francisco, California.

1991-1993 Course Director "Pathological Fractures", American Academy of Orthopaedic Surgeons Instructional Course Lectures, Anaheim, CA

1990 Orthopaedic Pathology, National Naval Medical Center, Bethesda, Maryland

TEACHING ACTIVITIES (cont.):

1986-Present	Moderator Sarcoma Management Conference, Rush-Presbyterian-St. Luke's Medical Center
1985	Course Director "Multidisciplinary Approach to the Diagnosis and Treatment of Bone Tumors," Chicago, Illinois
1981 - Present	Orthopaedic Oncology and Pathology Lecture Series, Rush Medical College
1981-1994	Director Orthopaedic Clerkship, Rush Medical College

LICENSURE AND CERTIFICATION:

	Illinois License #36-0053564
Sept. 10, 1982	Diplomate, American Board of Orthopaedic Surgery, 99th Percentile

AWARDS AND HONORS:

1971	Phi Beta Kappa
1971	Phi Eta Sigma
1976	Resident Research Award (1st Prize), American Association of Hand Surgery, Boston, MA
1978	Berkheiser Award, Institute of Medicine of Chicago for paper entitled "The Effects of Weight Bearing on the Bone-Cement Interface After Total Hip Arthroplasty"
1979	Frank E. Stinchfield Award, The Hip Society for paper entitled "Effect of Weight Bearing on the Bone-Cement Interface After Total Hip Arthroplasty"
1979	Society for Biomaterials Outstanding Research Award
1983	AOA, North American Traveling Fellowship
1984	James A. Campbell Award, Rush Medical College, Alumni Association
1989	Distinguished Alumnus, Niles North High School, Skokie, Illinois
1989	Graduated 1st Direct Commissioning Officer School, United States Navy, Pensacola, Florida

1990	(AOA) American Orthopaedic Association
1992	United States Letters Patent No. 5,147,403 "Prosthesis Implantation Method."
1993	Navy Commendation Medal
1993	Listed "The Best Doctors in America," Published by Woodward/White, Inc.
1996	Listed "The Best Doctors in Chicago," Chicago Magazine, January 1977.
1997	Listed "Who are the Best 2000 Doctors in North America," M.M. Braun Publisher, New York, New York, 1997.
1997/1998	United States Letters Patent "Calcium Sulfate Controlled Release Matrix." #5756127
1998	United States Patent #5807567 Calcium Sulfate Controlled Release Matrix.
1999	"Best Doctors Chicago Metro Region", Castle Connolly Medical, Ltd
1999	Listed in Strathmore's "Who's Who"
1999	United States Letters Patent #6,030,636 Calcium Sulfate Controlled Release Matrix
2000	Distinguished Alumnus Rush Medical College Chicago, Illinois
2000	Clinton Compere, M.D. Outstanding Presentation Award, 20th Century Orthopaedic Association
2002	Alpha Omega Alpha Honor Medical Society, Rush Medical College Zeta Chapter of Illinois
2003	Castle Connolly, "Top Doctors Chicago Metro Area."
2004	Golden Apple Teaching Award Department Of Orthopedic Surgery, Rush Medical College
2007	Consumer Research Council of America Top Orthopedists
2007	Best Doctors in America
2008-2012	Castle Connolly Americas Top Doctors For Cancer
2010	Strathmore's Whos Who

2009-2012	Best Doctors in America
2012	US News Best Doctors Top 1%
2012	Best Doctors Magazine
2012	America's Top Orthopedists Consumers Research Council of America
2012	Patients' Choice Award
2013	Castle Connolly <i>America's Top Doctors</i>
2013	"Best Doctor" by US News & World Report for 2013 Top 1%

PUBLIC OR COMMUNITY SERVICE ACTIVITY:

1988-1997	United States Navy Reserve
1987 - 1993	Trustee, Rush-Presbyterian-St. Luke's Medical Center
1990 - Present	Orthopaedic Research Society, Local Representative
1993 - Present	Trustee, Regional Organ and Tissue Bank of Illinois Gift of Hope
1991 - 1994	Coach, Oakbrook Little League Baseball
1995	Directed Jorge O. Galante, M.D. Visiting Professor Endowment Fund Raiser
2002	Red Cross Volunteer

BIBLIOGRAPHY:

I. Published Scientific Articles (referred journal):

Campanacci, M., Laus, M., Gunti, A., Gitelis, S., Bertoni, F.: Adamantinoma of the long bones. The experience at the Istituto Orthopedico Rizzoli. *Am J Surg Pathol*, 5:533-542, 1981 (6).

Bacci, G., Cervellati, Picci, P., Gitelis, S.: Adjuvant chemotherapy for localized malignant fibrous histiocytoma of bone: Preliminary results. *Chemotherapy Oncology*, 5: 1981 (1).

Gitelis, S., Bertoni, F., Picci, P., Campanacci, M.: Chondrosarcoma of bone. The experience at the Istituto Orthopedico Rizzoli. *J Bone Joint Surg*, 63A: 1249-1256, 1981.

Bacci, G., Picci, P., Gitelis, S., Borghi, A., Campanacci, M.: The treatment of localized Ewing's Sarcoma: The experience at the Istituto Orthopedico Rizzoli in 163 cases treated with and without adjuvant chemotherapy. *Cancer*, 49:1561-1570, 1982 (8).

Campagna, R., Dal Monte, A., Gitelis, S., Campanacci, M.: The natural history of unicameral bone cyst after steroid injection. *Clin Orthop Rel Res*, 166: 1982.

Gitelis, S., Chen, P.Q., Andersson, G.B.A., Galante, J.O., Rostoker, W., Andriacchi, T.P.: The influence of weight bearing on the canine hip after total hip arthroplasty. *Clin Orthop Rel Res*, 169: 1982.

Gitelis, S., Sheinkop, M.B., Hammerberg, K., Brugleiera, P.: The role of prophylactic surgery in the management of metastatic hip disease. *Orthopedics*, 5: 1982 (8).

Gitelis, S., Whiffen, J., DeWald, R.L.: The treatment of severe scoliosis in osteogenesis imperfecta. *Clin Orthop Rel Res*, 175:56-59, 1983.

Kuo, K.N., Gitelis, S., Sim, F.H., Pritchard, D., Chao, E., Rostoker, W., Galante, J.O., McDonald, P.: Segmental replacement of long bones using titanium fiber metal composite following tumor resection. *Clin Orthop Rel Res*, 176:108-114, 1983.

Gitelis, S., Petasnick, J.P., Turner, D.A., Ghiselli, R.W., Miller, A.W.: Endometriosis stimulating a soft tissue tumor of the thigh: A case Report. *J Computed Tomography*, 9:173-176, 1985 (3).

Gitelis, S., Ryan, W.G., Rosenberg, A.G., Templeton, A.C.: Adult onset hypophosphatemic osteomalacia: A case report and a review of the pathophysiology. *J Bone and Joint Surg*, 68A:134-138, 1986.

Petasnick, J.P., Turner, D.A., Charters, J.R., Gitelis, S., Zacharios, C.E.: Magnetic resonance imaging of soft tissue masses of the locomotor system: Comparison with computed tomography. *Musculoskeletal Radiology*, 160:125-153, 1986 (July).

Ryan, W.G., Gitelis, S., and Charters, J.R.: Studies in a patient with tumor induced hypophosphatemic osteomalacia. *Calcified Tissue International*, 38:358-362, 1986.

Schajowicz, F., McGuire, M., Arango, E.S., Musculo, D.L., Gitelis, S.: Osteosarcomas arising on the surface of long bones. *J Bone Joint Surg*, 70A:555-564, 1988 (April).

Piasecki, P., Gitelis, S.: Use of a clean air system and personal exhaust suit in the orthopaedic operating room. *Orthopaedic Nurse* (July-August): 38-40, 1988.

Gitelis, S., Heligman, D., Quill, G., Piasecki, P.: The use of large allografts for tumor reconstruction and salvage of the failed total hip arthroplasty. *Clin Orthop Rel Res*, 231:62-70, 1988 (June).

Gitelis, S., Heligman, D., Morton T.: The treatment of pigmented villonodular synovitis of the hip: A case report and literature review. Clin Orthop Rel Res, 239:154, 1989 (February).

Gitelis, S., Thomas, R., Templeton, A., Schajowicz, F.: Characterization of the pseudocapsule of soft tissue sarcomas: An experimental study. Clin Orthop Rel Res, 246:285, 1989 (September).

Gitelis, S., Wang, J.W., Quast, M., Schajowicz, F., Templeton, A.: Recurrence of a giant cell tumor with malignant transformation to a fibrosarcoma twenty-five years after primary treatment. J Bone Joint Surg, 71A:757-761, 1989 (June).

Gitelis, S., Kimura, J.A., Block, J., Glant, T.: Clonal analysis of human chondrosarcoma. Chir. Organi Mov. 1989, LXXV, Suppl. N.1.:11-13.

Daluga, D.J., Quast, M., Bach, B.R., Gitelis, S.: Shoulder neoplasms mimicking rotator cuff tears. Orthopedics, 1989 (July).

Quill, G., Gitelis, S., Morton, T., Piasecki, P.: Complications associated with limb salvage for extremity sarcomas and their management. Clin Orthop Rel Res, 260:242, 1990 (November).

Gitelis, S., Piasecki, P.: Complications of fresh frozen bone allografts for tumor reconstruction and their management. J Asian Orthop Assoc, 4(2):53-58, July 1990.

Harris, I.E., Leff, A.R., Gitelis, S., Simon, M.A.: A comparison of function and walking efficiency in patients with aggressive tumors at the knee treated by above-the-knee amputation, knee arthrodesis, or knee arthroplasty. J Bone Joint Surg, 72A:1477-1483, 1990 (December).

Gitelis, S., Piasecki, P.: Allograft prosthetic composite arthroplasty (APC) for osteosarcoma and other aggressive bone tumors. Clin Orthop Rel Res, 270:197, 1991.

Block, J.A., Inerot, S.E., Gitelis, S., Kimura, J.H.: Synthesis of chondrocytic keratan sulfate-containing proteoglycans by human chondrosarcoma cells in long term cell culture. J Bone Joint Surg, 73A:647-658, June 1991.

Block, J.A., Inerot, S.E., Gitelis, S., Kimura, J.H.: The effect of long term monolayer culture on the proteoglycan phenotype of a clonal population of mature human malignant chondrocytes. J Connective Tissue Research, 26:295-313, 1991.

Quill, G., Gitelis, S., Morton, T., Piasecki, P.: Complications associated with limb salvage for extremity sarcomas and their management. Adv Orthop Surg, 14(6):331-334, May/June, 1991.

Gitelis, S., Morton, T.J., Piasecki, P.: Allografts for tumor reconstruction: Results and complications. Complications in Orthopaedics, 7(3):230-234, 1992.

Jacobs, J.J., Rosenbaum, D.H., Hay, M.R., Gitelis, S., Black, J.: Early sarcomatous degeneration near a cementless total joint replacement. *J Bone Joint Surg*, 74-B(5), September 1992.

Hauselmann, H.J., Aydelotte, M.D., Schumacher, B.L., Kuettner, K.E., Gitelis, S., Thonar, E.J.-M.A.: Synthesis and turnover of proteoglycans by human and bovine adult articular chondrocytes cultured in alginate beads. *Matrix*, 12:116-129, 1992.

Poddar, S.B., Gitelis, S., Heydemann, P.T., Piasecki, P.: Bilateral predominant radial nerve crutch palsy. A case report. *Clin Orthop Rel Res*, 297:245, 1993.

Gitelis, S., Mallin, B.A., Piasecki, P., Turner, F.: Intralesional excision compared with en-bloc resection for giant cell tumor of bone. *J Bone Joint Surg*, 75A(11):1648-1655, 1993.

Harris, A.I., Gitelis, S., Sheinkop, M.B., Rosenberg, A.G., Piasecki, P.: Allograft prosthetic composite reconstruction for limb salvage and severe deficiency of bone at the knee and hip. *Sem in Arthro*, 5(2):85-94, 1994.

Qureshi, A.A., Gitelis, S., Templeton, A.A., Piasecki, P.A.: Benign metastasizing pleomorphic adenoma: A case report and review of literature. *Clin Orthop Rel Res*, 308:192-198, 1994.

Harris, A.I., Poddar, S., Gitelis, S., Sheinkop, M.B., Rosenberg, A.G.: Arthroplasty with a composite of an allograft and a prosthesis for knees with severe deficiency of bone. *J Bone Joint Surg*, 77-A(3):373-386, 1995.

Jacobs, J.J., Kull, L.R., Frey, G.A., Gitelis, S., Sheinkop, M., Kramer, T.S., Rosenberg, A.G.: Early failure of acetabular components inserted without cement after previous pelvic irradiation. *J Bone Joint Surg*, 77-A:1829-1836, 1995.

Block, J.A., Qureshi, A., Gitelis, S.: Chondrosarcoma. *Curr Opinions in Orthop (Current Science)*, 5;VI:70-74, 1995.

Hejna, M., Gitelis, S., Qureshi, A.: Chondrosarcoma and its variants. Adv Operative Orthop. Edited by Richard N. Stauffer, St. Louis, Baltimore, Boston, Mosby, Vol. 3, pp. 85-98, 1995.

Ellis, L.C., Segreti, J., Gitelis, S., Huber, J.F.: Joint infections due to listeria monocytogenes. Case Report and Review: *Clinical Infectious Diseases*, 20:1548-1550, 1995.

Gitelis, S., Wilkins, R., Conrad, E.U.: Benign bone tumors. Instructional Course Lectures. Edited by Douglas J. Pritchard, American Academy of Orthopaedic Surgeons, Rosemond, Illinois, Volume 45, pp. 425-427, 1996.

Jagasia, A.A., Block, J.A., Diaz, M.O., Olufunmilayo, I.O., Nobori, T., Gitelis, S., Inerot, S., Iyer, A.: Molecular and cytogenetic analysis of a myxoid chondrosarcoma. *Cancer Letters*, 105:77-90, 1996.

Jagasia, A.A., Block, J.A., Qureshi, A., Diaz, M.O., Nobor, T., Gitelis, S., Iyer, A.: Chromosome 9 related aberrations and deletions of the CDKN2 and MTS2 putative tumor suppressor genes in human chondrosarcoma. *Cancer Letters*, 105:91-103, 1996.

Gitelis, S., Wilkins, R., Conrad, E.U.: Benign bone tumors. *J Bone and Joint Surg*, 77-A(11):1756-1782, 1995.

Hejna, M.J., Gitelis, S.: Allograft prosthetic composite replacement (APC) for bone tumors. *Sem Surg Oncol* 13(1):18-25, 1997.

Kilpatrick, S.E., Inwards, C.Y., Fletcher, C., Smith, M.A., Gitelis, S.: Myxoid Chondrosarcoma (Chordoid sarcoma) of bone. A report of two cases and a literature review, *Cancer*, 79(10):1903-1910, 1997.

Gitelis, S., Fisher, A., Piasecki, P.: Reconstruction Options For Knee Arthroplasty After Tumor Resection. *Sem in Arthroplasty*, 10(3):188-196, July 1999.

Gitelis, S., Piasecki, P., Turner, T., Haggard, W., Charters, J., Urban, R.: The Use of Calcium Sulfate (Osteoset) Based Bone Graft Substitute for Benign Lesions of Bone, *Orthopedics*, 24(2):1-5, February, 2001.

Qureshi AA, Shott S, Mallin BA, Gitelis S: Current Trends in the Management of Adamantinoma of Long Bones, An International Study. *J Bone Joint Surg*, 82(8):1122-1131, August, 2000.

Marco, RAW., Gitelis, S., Brebach, GT., Healey, JH.: Cartilage Tumors: Evaluation and Treatment. *J Amer Acad Orthop Surg*, 8(5): 292-305, September, 2000.

Fitzgerald MP, Gitelis S, Brubaker L.: Pubic Osteomyelitis and Granuloma after Bone Anchor Placement. *Internat Urogynecol J*, 10:346-348, 1999.

Kelly CM, Wilkins R, Gitelis S, Hartjen C et al: The Use of Surgical Grade Calcium Sulfate as a Bone Graft Substitute: Results of a Multicenter Trial, *Clinical Orthopedics and Related Research*, 382:42-50, January, 2001.

Gitelis S, Soorapanth C.: Benign Chondroid Tumors, *Orthopaedic Knowledge Update, American Academy of Orthopaedic Surgery, Section 2*, 103-113, 2001.

Gitelis S, Brebach GT: The Treatment Of Chronic Osteomyelitis With A biodegradable Antibiotic-Impregnated Implant. *Journal Of Orthopaedic Surgery*, 10(1):53-60, June, 2002.

Turner TM, Urban RM, Gitelis S, Kuo KN, Andersson GB: Radiographic and Histologic Assessment of Calcium Sulfate in Experimental Animal Models and Clinical Use As A Resorbable Bone-Graft Substitute, A Bone Graft Expander, and a Method For Local Antibiotic Delivery. *JBJS Vol 83-A, Supplement 2, part 1*, 2001, 8-18.

Archibeck MJ, Berger RA, Jacobs JJ, Quigley LR, Gitelis S, Rosenberg AG, Galante JO: Second-generation cementless total hip arthroplasty: eight to eleven-year results. *JBJS Am.* 2001 Nov;83-A(11):1666-73.

Jacobs JJ, Rosenberg AG, Galante JO, Berger R, Quigley L, Gitelis S, Sheinkop M.: A Question of Prevalence: Liner Dislodgment in Harris-Galante Acetabular Components. *J Bone Joint Surg Am.* 2002. Jan;84-A(1):143-4.

Gitelis S, Saiz P.: What's New in Orthopaedic Surgery? *Journal of The American College of Surgeons.* Volume 194:6, June 2002, 788-791.

Martin JA, Forest E, Block JA, Klingelutz AJ, Whited B, Gitelis S, Wilkey A, Buckwalter JA: Malignant Transformation in Human Chondrosarcoma Cells is Supported by Telomerase Activation and Tumor Suppressor Activation. *Cell Growth and Differentiation.* Vol 13, September, 2002, 397-407.

Zhang K., Dion N., Fuchs B., Damron T., Gitelis S., Irwin R., Oconnor M., Schwartz H., Scully SP., Rock MG., Bolander ME., Sarkar G.: The human homolog of yeast SEP1 is a novel candidate tumor suppressor gene in osteogenic sarcoma. *Gene*, 298 (2002), 121-127.

Gitelis S, Neel MD, Wilkins RM, Rao BN, Kelly CM, Yao TK: The Use of a Closed Expandable Prosthesis For Pediatric Sarcomas. *Chirurgia degli Organi di Movimento*, 88(4):327-333,2003.

Turner TM, Urban RM, Hall DJ, Infanger S, Gitelis S, Petersen DW, Haggard WO: Osseous Healing Using Injectable Calcium Sulfate-Based Putty for the Delivery of Demineralized Bone Matrix and Cancellous Bone Chips. *Orthopedics.* 2003 May;26(5 Suppl):s571-5.

Turner T, Urban R, Gitelis S, Haggard W, Richelsoph K: Bone Replacement and Resorption Evaluation of a Large Bolus of Calcium Sulfate in a Canine Medullary Defect. *Orthopedics.* 2003 May;26(5 Suppl):s577-9.

Gitelis S, Virkus W, Anderson D, Piasecki P, Yao TK: Functional Outcomes With The Use Of Bone Graft Substitutes For Benign Bone Tumors. *Orthopedics*, Vol 27, No 1, 2004, 141-145.

Verma NN, Kuo KK, Gitelis S: Acetabular Osteoarticular Allograft Reconstruction Following Pelvic Resection For Ewing's Sarcoma. *Clinical Orthopaedics and Related Research*, Number 419:149-154, February, 2004.

Martin JA, DeYoung BR, Gitelis S, Weydert JA, Klingelutz AJ, Kurriger G, Buckwalter JA.: Telomerase Reverse Transcriptase Subunit Expression Is Associated With Chondrosarcoma Malignancy. *CORR*, 2004 Sep; (426):117-124.

Saiz P, Gitelis S, Virkus W, Piasecki P, Bengana C, Templeton A.: Blastomycosis of Long Bones Mimicking a Neoplasm. *CORR.* 1(421):255-259, April 2004.

Saiz P, Virkus W, Piasecki P, Templeton A, Shott S, Gitelis S.: Results of Giant Cell Tumor of Bone Treated with Intralesional Excision. *CORR*, 424:221-227, July, 2004

Gitelis S, Blank A,.: Peri-Prosthetic Tissue Reaction Resembling A Recurrent soft Tissue Sarcoma. A Case Report. *The American Journal of Orthopedics*. Submitted, 2010.

Turner TM, Urban RM, Hall DJ, Chye PC, Segreti J, Gitelis S: Local and systemic Levels of Tobramycin Delivered From Calcium Sulfate Bone Graft Substitute Pellets. *Clinical Orthopaedics and Related Research*. *CORR*, 427:97-105, August, 2005.

Gitelis S, Gitelis SB.: Evaluation and Surgical Management For Bone and Soft Tissue Tumors About The Knee. *Journal of Knee Surgery*. Vol.18, No.4, 289-291, October, 2005.

Berkson E, Ponnappan R, Galvin J, Anderson K, Gitelis S.: Complications of Modular Oncology Knee Prosthesis For Sarcomas About The Knee. *Journal of Knee Surgery*. Vol. 18, No.4, 298-304, October, 2005.

Mandal D, Srivastava A, Mahlum E, Desai D, Avudaiappan M, Yaszemski M, Jalal SM, Gitelis S, Bertoni F, Damron T, Irwin R, O'Connor M, Schwartz H, Bolander ME, Sarkar G.: Severe Suppression of Frzb/sFRP3 Transcription In Osteogenic Sarcoma. *Gene* 386 (2007), 131-138, September, 2006.

Moussavi-Harami F, Mollano A, Martin JA, Ayoob A, Domann FE, Gitelis S, Buckwalter JA: Intrinsic Radiation Resistance in Human Chondrosarcoma Cells. *Biochem Biophys Res Commun*. 2006 Jul 28;346(2):379-85.

Gitelis S, Yergler JD, Sawlani N, Schiff A, Shott S, Short and Long Term Failure of the Modular Oncology Knee Prosthesis. *Orthopedics*, Vol. 31, No.4., April, 2008.

Urban RM, Turner TM, Hall DJ, Inoue N, Gitelis S.: An Injectable CASO4, CAPO4 and BTCP Composite Cement for Bone Defect Restoration. *Clinical Orthopedics and Related Research*, Jun;459:110-7.

Gitelis S, Wilkins RM, Yasko AW.: BMP's and Cancer: Is the risk real? *AAOS NOW*, Vol. 2, No. 5, Page 31, May, 2008.

Virkus WW, Miller BJ, Chye PC, Gitelis S. The use of locking plates in orthopedic oncology reconstructions *Orthopedics*. 2008 May;31(5):438.

Gitelis S, Urban RM, Turner TM, Heck R, Parameswaran D.: Outcomes in the Treatment of Benign Bone Lesions Using an Engineered Bioceramic: Preclinical and Clinical Results. *Rush Orthopedics Journal*, 2009.

Gitelis S, Urban RM, Turner TM, Heck R, Parameswaran D.: Outcomes in the Treatment of Benign Bone Lesions Using an Engineered Bioceramic: Preclinical and Clinical Results. *Medical Device Materials V*

Proceedings from the Materials & Processes for Medical Devices Conference 2009.

August 10–12, 2009, Minneapolis, Minnesota, USA, J. Gilbert, Ed., p 123-128.

Miller I, Blank A, McNickel A, Moli S, Gitelis S.: Malignant Giant Cell Tumor Of Bone, *Diagn Pathol.* 2010 Sep 22;5:62.

Cipriano C, Blank A, Miller I, Gitelis S.: Giant cell tumor with involvement of the patellar ligament. *Journal of Knee Surgery*, 2010 Dec;23(4):229-32

Wysocki R, Virkus W, Adler, Scarborough M, Gitelis S.: Giant Cell Tumor of the Distal Radius, Submitted 2012.

Mirabello L, Berndt SI. et al.: Genetic Variation At Chromosome 8q24 In Osteosarcoma Cases And Controls. *Carcinogenesis* 2010;doi: 10.1093/bgq117.

Kang RW, McGill KC, Lin J, Gitelis S.: Chronic ankle pain and swelling in a 25-year-old woman: an unusual case. *Clin Orthop Relat Res.* 2011 May;469(5):1517-21.

Cipriano C, Blank A, Miller IJ, Gitelis S.: Giant Cell Tumor of the Tibial Tuberosity With Involvement of the Patellar Ligament: A Case report. *Rush Orthopedics Journal, Vol. 2.,42-46*, 2010.

Mirabello et al. Telomere length and variation in telomere biology genes in individuals with osteosarcoma. *Int J Mol Epidemiol Genet* 2011;2(1)19-29.

Cipriano C, Salata M, Gitelis S, Bach BR.: Massive Ossification of the Patellar Fat Pad An Unusual Cause of Arthrofibrosis Submitted 2011.

Gitelis S, Wilkins RM: Bone & Soft Tissue Allografts Processing & Safety. *AAOS Now*, May, 2011.

Urban RM, Dahlmeier EL, Hall DJ, Valle CJ, Gitelis S, Galante JO, Jacobs JJ: Histology of Allograft-Prosthesis Composites in Reconstruction of the Bone-Deficient Proximal Femur. *CORR* Submitted 2011.

Mirabello et.al.: A comprehensive candidate gene approach identifies genetic variation associated with osteosarcoma. *BMC Cancer* 2011, 11:209

Hayes C. et al.: An Assessment of Bone Fluoride and Osteosarcoma. *Journal of Dental Research.* Accepted 2011.

Fillingham YA, Lenart BA, Gitelis S.: Function After Injection of Benign Bone Lesions with a Bioceramic. *Clinical Orthopaedics and Related Research*, (2012) 470:2014-2020, January, 2012.

Douglass CW, Gitelis S and The National Osteosarcoma Etiology Group et al., Correlation between bone fluoride levels and fluoride in drinking water and other sources. *Journal of Dental Public Health*. Submitted March, 2012

Wilkins RM, Gitelis S: Tissue Allografts: Where do they come from... where do they go? *AAOS Now*, 2013.

Yimin Ma ^{a*}, Rongxin Ren ^{a*}, Ethan L. Han ^b, Huiwu Li ^c, Steven Gitelis ^e, Joshua J. Jacobs ^e, Di Chen ^d, Regis J. O'Keefe ^f, Guoyong Yin ^{a#}, Tian-Fang Li ^{d,e,#}: Modulation of β -catenin and Notch signaling pathways sensitizes osteosarcoma cells to chemotherapy. Submitted *Bone* 2012.

Ma Y, Ren Y, Han EQ, Li H, Chen D, Jacobs JJ, Gitelis S, O'Keefe RJ, Kontinen YT, Yin G, Li TF. Inhibition of the Wnt- β -catenin and Notch signaling pathways sensitizes osteosarcoma cells to chemotherapy. *Biochem Biophys Res Commun*. 2013 Feb 8;431(2):274-9.

Frank RM, Chalmers PN, Cole BJ, Gitelis S: Osteoid Osteoma of the Intercondylar Notch: An Uncommon Cause of Knee Stiffness. *Journal of Knee Surgery*, Submitted 2013.

Riff A, Gross C, Foucher K, Gitelis S: Acetabular Osteoarticular Allograft After Ewing's Sarcoma Resection: A Fifteen Year Follow-up. Submitted *Pediatric Orthopaedics* 2013.

Gitelis S, Gross CE, Frank RM, Hsu A, Diaz A: External Beam Radiation Therapy For Orthopedic Pathology. *JAAOS* Submitted 2013.

Gitelis S, Bayne CO, Frank JM, Fillingham Y: Limb Salvage for Pediatric Bone Sarcomas. Submitted 2013

Frank R, Gitelis S: Bone Loss Associated with the Repiphysis Expandable Prosthesis in Cases of Pediatric Distal Femoral Malignancy Submitted 2013
CORR

Gross CE, Andrew R. Hsu, Gitelis S: 52-year-old Woman With Foot Pain. *Orthopaedics Today*, Submitted 2013.

III. Chapters in Books:

Gitelis, S., Andersson, G.B.J., Galante, J.O., Rostoker, W., Andriacchi, T.P.: The effects of weight bearing on the bone cement interface after total hip arthroplasty. Proceedings of the Hip Society, 1979, C.V. Mosby Company.

Gitelis, S., Sheinkop, M.B., Hammerberg, K., Gitelis, M.: Pathological fracture of the upper end of the femur secondary to metastatic disease. Surgery of the Hip Joint, Edited by Tronzo, Springer-Verlag, NY, Vol. II, Chapter 9, pp. 339-349, 1987.

Gitelis, S.: Treatment of pathological hip fractures. Techniques in Orthopaedics, Edited by Gustke, K., Rockville, Maryland, Aspen Publishers, 4 (2), pp. 73-89, 1989.

Gitelis, S., Schajowicz, F.: Osteblastoma and osteoid osteoma. Orthopaedic Clinics of North America, Edited by Lewis, M., Philadelphia, PA, W.B. Saunders Co., Vol. 20, No. 3, pp. 313-335, 1989 (July).

Gitelis, S., Heligman, D., Quill, G., Piasecki, P.: The use of large allografts for tumor reconstruction and salvage of the failed total hip arthroplasty. Yearbook of Orthopedics 1989, Edited by C.B. Sledge, Yearbook Medical Publishers Inc., Chicago, Chapter 8, pp. 360-361, 1989.

Schajowicz, F., McGuire, M.H., Araujo, E.S., Musculo, D.L., Gitelis, S.: Osteosarcomas arising on the surface of long bones. Yearbook of Orthopedics 1989, Edited by C.B. Sledge, Yearbook Medical Publishers Inc., Chicago, Chapter 8, pp. 350-352, 1989.

Gitelis, S., Piasecki, P., Luke, K.: Complications of fresh frozen bone allografts for tumor reconstruction and their management. Limb Salvage-Major Reconstructions for Oncologic and Non-Tumoral Conditions, Edited by F. Langlais, B. Tomeno. Springer-Verlag, Berlin, Germany, Jan. 1991, pp. 89-95.

Gitelis, S., Sheinkop, M., Harris, A., Rosenberg, A., Piasecki, P., Galante, J.: Allograft prosthetic composite arthroplasty for limb salvage and revision arthroplasty. Limb Salvage-Major Reconstructions for Oncologic and Non-Tumoral Conditions, Edited by F. Langlais, B. Tomeno. Springer-Verlag, Berlin, Germany, Jan., 1991, pp. 407-415.

Gitelis, S., Morton, T.J., Piasecki, P.: Limb-sparing operations for sarcomas of the extremity, Adjuncts to Cancer Surgery, Edited by Steven Economou, M.D., Lea and Febiger, Philadelphia, pp. 256-266, 1991.

III. Chapters in Books (cont.):

Frassica, F.J., Gitelis, S., Sim, F.H.: Metastatic bone disease: General principles, pathophysiology, evaluation and biopsy, Instructional Course Lectures. Edited by Robert E. Eilert, M.D., American Academy of Orthopaedic Surgeons, Park Ridge, Illinois, pp. 239-300, Volume XLI, 1992.

Gitelis, S.: Orthopedics (Neoplasms): Rush University Review of Surgery, Edited by S.G. Economou, et al., W. Saunders Company, Philadelphia, PA. pp. 506-511, 1994.

Gitelis, S.: Chondrosarcoma. Tumors and Tumor-Like Lesion of Bone, Edited by Fritz Schajowicz, Springer-Verlag, Berlin, New York, London, pp. 623-628, 1994.

Gitelis, S.: Giant Cell Tumor: Staging and Treatment. Tumors and Tumor-Like Lesion of Bone, Edited by Fritz Schajowicz, Springer-Verlag, Berlin, New York, London, pp. 613-623, 1994.

Gitelis, S., MacDonald, D.J.: Benign Bone Tumors General Classification and Staging. Surgery for Bone and Soft Tissue Tumors, Edited by Simon and Springfield. Philadelphia, New York, Lippincott-Raven Press, pp. 119-125, 1998.

Gitelis, S., MacDonald, D.J.: Benign Bone Tumors, Diagnostic Strategy and Biopsy. Surgery for Bone and Soft Tissue Tumors, Edited by Simon and Springfield. Philadelphia, New York, Lippincott-Raven Press, pp. 125-133, 1998.

Gitelis, S., MacDonald, D.J.: Benign Bone Tumors, Curettage. Surgery for Bone and Soft Tissue Tumors, Edited by Simon and Springfield. Philadelphia, New York, Lippincott-Raven Press, pp. 133-159, 1998.

Gitelis, S., MacDonald, D.J.: Benign Bone Tumors, Adjuvant Agents and Filling Materials. Surgery for Bone and Soft Tissue Tumors, Edited by Simon and Springfield. Philadelphia, New York, Lippincott-Raven Press, pp. 159-167, 1998.

Gitelis, S., MacDonald, D.J.: Benign Bone Tumors, Resection. Surgery for Bone and Soft Tissue Tumors, Edited by Simon and Springfield. Philadelphia, New York, Lippincott-Raven Press, pp. 167-181, 1998.

Gitelis, S., MacDonald, D.J.: Benign Bone Tumors - Common Benign Bone Tumors and Usual Treatment. Surgery for Bone and Soft Tissue Tumors, Edited by Simon and Springfield. Philadelphia, New York, Lippincott-Raven Press, pp. 181-207, 1998.

Gitelis, S., Templeton, A., Hejna, M.: Chondrosarcoma of bone. Oxford Textbook of Orthopaedics and Traumatology. Edited by Bulstrode, Buckwalter et al. New York, Oxford University Press, pp. 238-254, 2002.

Gitelis, S., Green A.A., Charters, J.R.: Osteogenic Sarcoma. Surgical Oncology: An Algorithmic Approach, Edited by Sacclarides, Milikan, and Godellas. New York, NY, Springer-Verlag, pp. 410-422, 2003

III. Chapters in Books (cont.):

Gitelis, S., Malawer, M., MacDonald D, Derman G.: Principles of Limb Salvage Surgery. Orthopaedic Surgery 3rd Edition, Edited by Chapman, et al. Philadelphia, Baltimore, Lippincott, Williams and Wilkins, pp. 3309-3381, 2001

Qureshi, AA, Shott, S, Mallin, BA, Gitelis, S: Current Trends In The Management Of Adamantinoma Of Long Bones: An International Study, Year Book Of Orthopedics, Beauchamp Editor, Mosby, 2001.

Gitelis S, Cole BJ: The Use of Allografts in Orthopaedic Surgery. Instructional Course Lectures, Edited by James H. Beaty, Rosemont, Illinois American Academy of Orthopaedic Surgeons, Vol 51, pp. 507-521, 2002.

Gitelis S, Nicholson GP, Virkus WV, Miller BJ: Proximal Humeral Resection with Allograft Prosthetic Composite. Operative Techniques in Orthopaedic Surgery. Lippincott Williams and Wilkins 2010.

Virkus WV, Henshaw RM, Miller B, Girelis S.: Use of Allografts and Segmental Prostheses For Reconstruction of Segmental Bone Defects. Operative Techniques in Orthopaedic Surgery. Lippincott Williams and Wilkins 2010.

Ward WG, Gitelis S.: Neoplasms of Bone and Connective Tissue. The Burden Of Musculoskeletal Disease. American Academy of Orthopedic Surgeons, pp.175-195.

Gitelis S.: Neoplasms of Bone and Connective Tissue. BMUS. AAOS 2008.

Gitelis S, Urban R, Turner T.: The Early Development of a Porous Tumor Implant for Long Bone Reconstruction. ISOLS, 2011.

Gitelis S, Wilkins R, Fillingham Y, Cole B.: "Clinical Perspectives on the Use of Allogenic Tissue Substitutes". ASTM International 2013

IV. Edited Manuscripts

Gitelis, S.: Metal induced sarcoma: A case report and literature review (Commentary). Advances in Orthopaedics, 13(4):144-147, 1990 (January/February).

Gitelis, S.: The use of calcium hydroxyapatite ceramic in bone tumor surgery (Commentary). Advances in Orthopaedics, 14(1):298-302, 1990 (July/August).

Gitelis, S.: Recurrent osteoid osteoma, case report with a ten year asymptomatic interval (Commentary). Adv Orthop Surg, 14(2):86-87, 1990 (September/October).

Clausen, P.A., Thomas, C.R., Gitelis, S., Iyer, A.P.: Chromosomal aberrations and altered gene expression in osteosarcomas. Current Opinion in Orthopaedics, 1:300-305, 1990 (December).

Gitelis, S., Edwards, K.: Frozen musculoskeletal allografts (Commentary). *Adv Orthop Surg*, 14(6):333-335, 1991 (May/June).

Gitelis, S.: Limb salvage for appendicular tumors. *Current Opinion in Orthopedics*, 2:811-816, 1991.

Gitelis, S.: The Van Ness Tibial Rotationplasty: A functionally viable reconstructive procedure in children who have a tumor of the distal end of the femur (Commentary). *Adv. Orthop Surg*, 15(3), 1991 (November/December).

Gitelis, S.: Radiation therapy for aggressive fibromatosis (Commentary). *Adv Orthop Surg*, 15(6):299, 1992 (May/June).

Gitelis, S.: Endoprosthetic replacement for Stage IIB osteosarcoma. Commentary, *Adv Orthop Surg*, 16(2):89, 1992 (September/October).

Gitelis, S.: Stage IIB osteosarcoma. Commentary, *Adv Orthop Surg*, 16(2):92, 1992 (September/October).

IV. Edited Manuscripts

Gitelis, S.: The Van Nes tibial rotationplasty: A functionally viable reconstructive procedure in children who have a tumor of the distal end of the femur. Commentary, *Adv Orthop Surg*, 15(3):130, 1991 (November/December).

Gitelis, S.: The treatment of giant-cell tumors of the distal part of the radius. Commentary, *Adv Orthop Surg*, 17(5):280-294, 1994.

V. Published Scientific Articles (non-referred journal):

Gitelis, S., Qureshi, A.: Chromosome study of 249 patients examined for bone tumor. Commentary, *Adv Orthop Surg*, 18(3):135-138, 1994.

Gitelis, S.: Orthopedics-Neoplasms. Rush University Review of Surgery, Edited by Deziel, D., W.H.T., W.B. Saunders, Philadelphia, PA, Chapter 59, pp. 404-408, 1988.

Gitelis, S., Andersson, G.B.J., Galante, J.O., Rostoker, W., Andriacchi, T.P.: The Effects of Weight Bearing on the Bone-Cement Interface After Total Hip Arthroplasty. *Proc Inst Med Chicago*, 32:95-108, 1979.

Gitelis, S., Thomas, R., Piasecki, P.: The Use of Allografts for the Reconstruction of Large Skeletal Defects. *Mediguide to Orthopedics*, 6: 1-6, 1986 (Issue 7).

Gitelis, S., Rosenberg, A.G.: The Use of Bone Allografts in Orthopedic Surgery Today, "Orthopedic Rounds", Volume 4, Issue 2, 1988.

Gitelis, S.: Malignant Tumors Arising in Pre-Existing Lesions of Bone, Current Concepts Review. J Bone Joint Surg, 1996.

Gitelis, S.: Benign Bone Lesions Repaired with Osteoset Shows Good Two Year Results. Orthopedics Today, 20(7):41-42, July, 2000.

Gitelis S, Virkus W, Chye PC.: Limb Salvage Versus Amputation For Extremity Bone Sarcomas. AAOS Patient Education. 2004.

Virkus W, Goldberg S, Gitelis S.: Enchondroma. AAOS Patient Education. 2004.

VI. Book Reviews:

Bone and Soft Tissue Tumors By Mario Campanacci for The Journal Bone Joint Surgery 83-A, No. 5,p.801, 2001.

ABSTRACTS:

Gitelis, S., Sheinkop, M.B., Hammerberg, K.: The Treatment of Metastatic Foci of the Proximal Femur - A retrospective Review. *Orthopedic Transactions*, 5: Number 3, 1981.

Gitelis, S.: *Rebuilding Bodies*. Science Year; The World Book Science Annual, pp. 28, 1984.

Gitelis, S.: Segmental replacement of long bones using titanium fibermetal composite following tumor resection (clinical and animal research). Proc 2nd International Workshop in the Design and Application of Tumor Prosthesis for Bone and Joint Reconstruction. Vienna, Austria, pp. 122, September 1983.

Inerot, S.E., Block, J.A., Kuettner, K.E., Kimura, J.H., Gitelis, S.: Cell culture of human chondrosarcoma. *Orthopaedic Research Society Transactions*, 12: 348, 1987.

Inerot, S.E., Block, J.A., Kuettner, K.E., Kimura, J.H., Gitelis, S.: Cell Cloning of Human Chondrosarcoma. *Orthopaedic Research Society Transactions*, 13, 1988.

Gitelis, S.: Large bone allograft. Abstract 7th Joint Congress of the Asian and Pacific Federations of the International College of Surgeons, pp. 178, 1987 (Nov.).

Gitelis, S., Block, J.A., Inerot, S.E., Young, H.E., Schajowicz, F., Glant, R., Kimura, J.H.: Clonal analysis of human chondrosarcoma. *Orthopedic Transactions, Journal of Bone and Joint Surgery*, 13(2): 443, 1989.

Gitelis, S.: The use of allografts for skeletal reconstruction. Abstract Clinical Orthopaedics Society Annual Meeting 75th, pp. 77, 1987.

Block, J.A., Inerot, S.E., Gitelis, S., Kimura, J.H.: Cloning and long-term tissue culture of human chondrosarcomas which produce keratan sulfate. *Orthopaedic Transactions, Journal of Bone and Joint Surgery*, 13(2): 272, 1989.

Gitelis, S.: The use of fresh frozen allografts to replace large bone defects. *Orthopaedic Transactions, Journal of Bone and Joint Surgery*, 12: 170, 1988.

Gitelis, S., Thomas, R., Schajowicz, F., Templeton, A., Kimura, J.A.: The effects of adjuvant preoperative radiation on the pseudocapsule of soft tissue sarcomas. *Orthopaedic Transactions, Journal of Bone and Joint Surgery*, 12(2): 502, 1988.

Gitelis, S., Quill, G., Morton, T., Piasecki, P.: Limb salvage for extremity sarcomas. *Orthopaedic Transactions, Journal of Bone and Joint Surgery*, 13(3): 541, 1989.

Gitelis, S., Heligman, D., Quill, G., Piasecki, P.: The use of large allografts for tumor reconstruction and salvage of the failed total hip arthroplasty. 1989 Yearbook of Orthopedics, Springfield (Editor) Yearbook Medical Publishers, Chicago, Illinois, 1989.

Gitelis, S.: Limb salvage for extremity sarcomas, MAOA. Orthopedic Transactions, Journal of Bone and Joint Surgery, 13(3): 633, 1989.

Pierson, R.H., Jacobs, J.J., Sheinkop, M.B., Rosenberg, A.G., Gitelis, S., Landon, G.C., Maley, M.E., Galante, J.O.: Primary total hip reconstruction with a cementless titanium fiber coated prosthesis. Orthopaedic Transactions, Journal Bone and Joint Surgery, 13(3): 578, 1989.

Gitelis, S.: Complications of fresh frozen bone allografts for tumor reconstruction and their management. Orthopaedic Transactions, Journal of Bone and Joint Surgery, 14(3): 615, 1990.

Block, J.A., Inerot, S., Gitelis, S., Kimura, J.A.: Phenotypic stability of mature human malignant chondrocytes in long term monolayer culture. Orthopaedic Transactions, J Bone Joint Surg, 14(2): 412, 1990.

Harris, I.E., Leff, A.R., Gitelis, S., Simon, M.A.: Oxygen consumption and walking efficiency in patients with tumors at the knee treated by above-the-knee amputation, arthrodesis or arthroplasty. Orthopaedic Transactions, J Bone Joint Surg, 14(2): 366, 1990.

Harris, A.I., Gitelis, S., Rosenberg, A.G., Rivero, D., Sheinkop, M.B.: Structural allografts in revision total knee arthroplasty. Orthopaedic Transactions, J Bone Joint Surg, 15(3):781, 1991.

Glant, T.T., Mikecz, K, Fulop, C., Gitelis, S.: Cartilage proteoglycans with arthritogenic potential in Balb C Mice. Orthopaedic Transactions, J Bone Joint Surg, 16(2):578, 1992.

Gitelis, S., Turner, F., Piasecki, P., Mallin, B.: En-bloc resection versus intralesional excision for extremity giant cell tumor of bone. Orthopaedic Transactions, J Bone Joint Surg, 16(3):731, 1993.

Hrasky, G.M., Jagasia, A.A., Iyer, I.P., Gitelis, S., Block, J.A.: Mechanisms of phenotypic modulation by chondrocytes in prolonged monolayer culture. Orthopaedic Transactions, J Bone Joint Surg, 17(2):479, 1993.

Rosenberg, A.G., Gitelis, S., Sheinkop, M.B., Frey, G.: Cementless acetabular failure in the patient with prior pelvic irradiation. Orthopaedic Transactions, J Bone Joint Surg, 17(3):600, 1994.

Rosenberg, A.G., Harris, A.I., Sheinkop, M.B., Gitelis, S.: The use of whole segment structural allografts in total knee arthroplasty. Orthopaedic Transactions, J Bone Joint Surg, 17(3):604, 1994.

Jagasia, A.A., Block, J.A., Diaz, M., Olopade, F., Gitelis, S., Iyer, A.P.: Cellular heterogeneity and chromosomal abnormalities in chondrosarcoma. Orthopaedic Transactions, J Bone Joint Surg, 17(3):822-823, 1994.

Gitelis, S., Jagasia, A., Hrasky, G., Block, J., Iyer, A.: Molecular and biochemical changes in myxoid chondrosarcoma. *Orthopaedic Transactions, J Bone Joint Surg*, 18(1):23, 1994.

Gitelis, S., Qureshi, A., Piasecki, P.: The effectiveness of limb salvage for extremity sarcomas. *Orthopaedic Transactions, J Bone Joint Surg*, 18(3):813, 1994.

Rosenberg, A.G., Frey, G.A., Gitelis, S.: Early cementless acetabular component failure following prior pelvic irradiation. *Orthopaedic Transactions, J Bone Joint Surg*, 17(4):1000, 1994.

Häuselmann, H.J., Flechtenmacher, J., Gitelis, S., Kuettner, K., Aydelotte, M.B.: Chondrocytes from human knee and ankle joints show differences in response to IL-1 receptor inhibitor. *Orthopaedic Transactions, J Bone Joint Surg*, 17(3):710, 1994.

Gitelis, S., Qureshi, A., Jagasia, A., Block, J.A.: P-16 gene deficiency in human chondrosarcoma. *Orthop Trans, J Bone Joint Surg*, 1996.

Harris, A.I., Sheinkop, M.B., Gitelis, S., Rosenberg, A.G.: Massive allograft-prosthetic composite reconstruction of the failed hip. *Orthop Trans, J Bone Joint Surg*, 21(1):188, 1997.

Gitelis, S., Hejna, M., Fischer, A.: Reconstruction of the knee after tumor surgery. *Orthop Trans, J Bone Joint Surg*, 21(4):1113, 1998.

Qureshi, A.A., Sim, F.H., Gitelis, S., Beabout, J.W., Unni, K.K.: Osteosarcoma of the foot: A clinicopathologic study. *Orthop Trans, J Bone Joint Surg*, 21(4):1148, 1998.

Fischer A.J., Hejna, M.J., Gitelis, S.: Early and late complications of limb salvage for tumors about the knee. *Orthop Trans, J Bone Joint Surg*, 21(4):1183, 1998.

Turner TM, Urban RM, Gitelis S, Haggard WO, Parr JE,: Calcium Sulfate: A Synthetic Bone Graft Material For Grafting A Large Medullary Defect. *JBJS Orthopaedic Proceedings*, 81(B) Supplement II :151, 1999.

Huang TW, Nguyen C, Shott S, Gitelis S.: Long-Term Outcome Of Combined Modality Therapy For Soft-Tissue Sarcomas And The Prognostic Validity Of The 1998 AJCC Stage Groupings. *I.J. Radiation Oncology*. Volume 45, Number 3 Supplement, 1999.

Gitelis S, Hejna M, Fischer A.: Reconstruction Of The Knee After Tumour Surgery-Short And Long-Term Complications. *JBJS Orthopaedic Proceedings*, 82(B) Supplement II :158, 2000.

Kelly CM, Wilkins RM, Gitelis S: The Use Of A surgical Grade Calcium Sulfate as a Bone Graft Substitute: Results from the Multi-Center Trial. *JBJS Orthopaedic Proceedings*, 2001

Ivankovich D, Gitelis S, Wilkins R, Piasecki P: The Use Of Surgical Grade Calcium Sulfate(Osteoset®) and Demineralized Bone Matrix (Allogro®) as a Bone Graft Substitute for Treatment of Benign Lesions of Bone. JBJS Orthopaedic Proceedings, 2001.

Gitelis S, Piasecki P: The Treatment of Chronic Osteomyelitis With a Biodegradable Antibiotic Delivery Implant (Osteoset®): A Clinical Study. JBJS (BR) 2001; 83-B:Suppl IV, 423.

Turner TM, Urban RM, Infanger S, Lawrence-Smith AM, Gitelis S, et.al.: Injectable Calcium Sulfate-Based Putty For The Delivery Of DBM And Cancellous Bone Chips. Transactions Society For Biomaterials, 2002.

Gitelis S, Piasecki P: The Treatment Of Chronic Osteomyelitis With A Biodegradable Antibiotic Delivery Implant (Osteoset); A Clinical Study. JBJS (Br) 2002; 84-B: Supp III, 233.

Gitelis S, Saiz P, Virkus W, Piasecki P, Shott S.: Functional And Oncological Outcomes For Giant Cell Tumor Treated By Intralesional Excision With Joint Preservation. JBJS 2005; 87-B. Suppl III, 299.

Gitelis S.:The Use of a Closed Expandable Prosthesis For Pediatric Sarcomas. CTOS 2010.

Gitelis S.: Outcomes in the Treatment of Benign Bone Lesions Using an Engineered Bioceramic. CTOS 2010.

Gitelis S.: Long Term Oncological Outcomes For Giant Cell Tumor of the Distal Radius. CTOS 2010

Gitelis S.: Long Term Oncological Outcomes For Giant Cell Tumor Of The Distal Radius. JBJS 2011.

Gitelis S: ONCOLOGIC AND FUNCTIONAL OUTCOMES OF SURGICAL TREATMENT FOR GIANT CELL TUMOR OF THE DISTAL RADIUS, CTOS 2012

Gitelis S.: GIANT CELL TUMOR OF BONE WHO FAILED TO READ THE TEXT BOOKS, CTOS 2012

Gitelis S.: LONG TERM CLINICAL OUTCOMES IN THE TREATMENT OF BENIGN BONE LESIONS USING AN ENGINEERED BIOCERAMIC. CTOS 2012