

March 1, 2012

CURRICULUM VITAE

NAME: **David Glenn Disler, M.D., F.A.C.R.**

ADDRESS: HOME: 22 Mystic Road
Richmond, Virginia 23238
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OFFICE: Commonwealth Radiology
1508 Willow Lawn Drive
Suite 117
Richmond, VA 23230
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Email: dgrsdisler@gmail.com

DATE OF BIRTH: January 28, 1962

PLACE OF BIRTH: Boston, Massachusetts

SOCIAL SECURITY NUMBER: provided on request

MARITAL STATUS: Married: Robin S. Disler, M.D.-1988
Children: Matthew Joseph-1993
Emily Rose-1996

EDUCATION:

Secondary	Peabody High School Peabody, Massachusetts 1976-1980
Undergraduate	Tufts University Medford, Massachusetts Bachelor of Science, Chemistry summa cum laude 1980-1984
Medical School	Harvard Medical School Boston, Massachusetts M.D., 1984-1988

POST-GRADUATE TRAINING:

Internship	Medicine, 1988-1989 Beth Israel Hospital Boston, Massachusetts Chairman - Eugene Braunwald, M.D.
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Residency Diagnostic Radiology, 1989-1993
Massachusetts General Hospital
Boston, Massachusetts
Chairman - James H. Thrall, M.D.

Fellowship Musculoskeletal Imaging, 1992-1993
Massachusetts General Hospital
Boston, Massachusetts
Director - Daniel I. Rosenthal, M.D.
Chairman - James H. Thrall, M.D.

CERTIFICATION: National Board of Medical Examiners, 1989
American Board of Radiology, 1993

AMERICAN COLLEGE OF RADIOLOGY Elected to fellowship 2003
Indoctrination May 9, 2004

LICENSURE: Virginia: 0101058139 (7/9/98)

CURRENT POSITIONS:

CURRENT ACADEMIC
APPOINTMENT: Associate Clinical Professor of Radiology
Department of Radiology
Medical College of Virginia
Virginia Commonwealth University
July 1, 2000-present

CURRENT HOSPITAL
APPOINTMENTS: Attending Radiologist
(Commonwealth Radiology, P.C.)
Saint Mary's Hospital
Memorial Regional Medical Center
Saint Francis Medical Center
Richmond Community Hospital
Richmond, VA
August 1, 2000-present

CURRENT COMMITTEES:

NATIONAL/INTERNATIONAL:
American Board of Radiology (ABR)
Self Assessment Module (SAM) reviewer
January, 2008-present

American College of Radiology, Committee on
Musculoskeletal Imaging, Commission on Body Imaging—
January 24, 2005-present

STATE: none

PRACTICE: Finance Committee January, 2019-present

DEPARTMENT:none

PREVIOUS COMMITTEES:

NATIONAL/INTERNATIONAL:

Society of Skeletal Radiology
Audit Committee
Chairman
2014-2017

American Board of Radiology (ABR)
Diagnostic Radiology Oral Examination
Examiner
2001-2017

American Board of Radiology (ABR)
Musculoskeletal Section Oral Exam Case Selection
Committee, with Tom Berquist (chairman and trustee) and
Tim Mosher
2006 -2017

RSNA Radiographics Musculoskeletal Exhibit Panel—
musculoskeletal section – November 1, 1998-2016

Radiological Society of North America, Scientific Program
Committee, Musculoskeletal Subcommittee - 2002-2005

American Board of Radiology, Diagnostic Radiology
Written Examination Committee –2002-2007

American Board of Radiology, Task Force for New Item
Development for the Written Boards
Writer for Musculoskeletal Section -1999-2007

Society of Skeletal Radiology, Socioeconomic Affairs
Committee –2001-2004

Musculoskeletal Committee for the diagnostic imaging
network of the American College of Radiology (ACRIN) -
response to the National Cancer Institute's Request for
Application (RFA) CA 97-020 –1998-2001

Musculoskeletal Imaging Research Group (MIRG) - Vice
Chairman - 1997-2002

Committee for Articular Cartilage Imaging - International
Cartilage Repair Society –1999-2002

Imaging Research Committee of the American Society of
Musculoskeletal Radiology –1998-2002

STATE/REGIONAL: Ad Hoc Committee to Develop Application Guidelines for CT, New York State Radiological Society - 1994-1998

HOSPITAL:

ER-Radiology PAT and OPS Committees, Medical College of Virginia Hospitals- 1998-1999

Pain Task Force, Virginia Commonwealth University and Medical College of Virginia Hospitals- April 14, 1999-October 1, 1999

Lifestar Regional Trauma System Multidisciplinary TraumaCare Committee, Albany Medical Center - 1993-1998

DEPARTMENT:

Commonwealth Radiology, Audit Committee, 2001-2006

Virginia Commonwealth University, Department of Radiology:

Executive Committee-August, 1998-July, 1999
MR Imaging Committee-August, 1999-July-2000

Albany Medical College, Department of Radiology:

Advisory Committee - July 1, 1995-1998
Education Committee - September 1, 1993-1998
Research Committee - July 1, 1993-1998
Residency Selection Committee - July 1, 1993-1998

Massachusetts General Hospital, Department of Radiology:

Radiology Library Committee, Chairman - 1990-1992

PREVIOUS HOSPITAL APPOINTMENTS:

Attending Radiologist
Department of Radiology
Medical College of Virginia
Virginia Commonwealth University
August 31, 1998 – July 31, 2000

Attending Radiologist
Department of Radiology
Albany Medical Center Hospital
February 5, 1997 - August 19, 1998

Assistant Attending Radiologist
Department of Radiology
Albany Medical Center Hospital
July 1, 1993 - February 4, 1997

PREVIOUS ACADEMIC APPOINTMENTS:

Member, Diagnostic Radiology Written Examination Committee, American Board of Radiology
June 28, 2002-2008

Member, Task Force for New Item Development for the
Written Boards-American Board of Radiology
April 1, 1999-2008

Visiting Scientist
Department of Radiologic Pathology
Armed Forces Institute of Pathology
October 1, 1997--June 1, 2001

Associate Professor of Radiology
Department of Radiology
Medical College of Virginia
Virginia Commonwealth University
August 31, 1998 – July 31, 2000

Associate Professor of Orthopaedic Surgery
Department of Orthopaedic Surgery
Medical College of Virginia
Virginia Commonwealth University
August 31, 1998–July 31, 2000

Associate Professor of Radiology
Department of Radiology
Albany Medical College
February 5, 1997 - August 19, 1998

Assistant Professor of Radiology
Department of Radiology (A-113)
Albany Medical College
July 1, 1993 - February 4, 1997

Assistant Professor of Orthopedic Surgery
Department of Surgery
Albany Medical College
January 1, 1995 - August 19, 1998

Clinical Fellow in Radiology
Department of Radiology
Massachusetts General Hospital
Harvard Medical School
Boston, Massachusetts
July 1, 1989 - June 30, 1993

Clinical Fellow in Medicine
Department of Medicine
Beth Israel Hospital
Harvard Medical School
Boston, Massachusetts
July 1, 1988 - June 30, 1989

PREVIOUS DEPARTMENT APPOINTMENTS:

Chief, Musculoskeletal Radiology
Department of Radiology
Medical College of Virginia

Virginia Commonwealth University
August 31, 1998-July 31, 2000

Chief, Musculoskeletal Imaging
Department of Radiology
Albany Medical Center Hospital
February 1, 1994 - August 19, 1998

PREVIOUS OTHER APPOINTMENTS:

International Skeletal Society
Moderator: Cartilage 2009
Moderator: Knee 2011

International Skeletal Society
2006 Refresher Course Committee
33rd Annual Radiology Refresher Course
Vancouver, British Columbia, Canada
Moderator-Symposium 7A: Interventional 1-Vertebroplasty
and Kyphoplasty-September 14
Moderator-Special Focus Session 10A: Cartilage-
September 15
Moderator-Session 14B: Arthritis-September 16

Radiological Society of North America
Member, 2002 Scientific Program Committee
Member, 2003 Scientific Program Committee
Member, 2004 Scientific Program Committee
Musculoskeletal Radiology Subcommittee

Radiological Society of North America
Moderator-RSNA Scientific Sessions-Musculoskeletal
1997-Arthritis, Cartilage, December 3
1998-Arthritis, Cartilage, November 30
1999-Arthritis, Cartilage, December 1
2002-Arthritis, December 4
2003-Cartilage Imaging, December 1
2004-Knee: Internal Derangement, November 30
2006-Cartilage Imaging, November 29
2008-Knee, December 2
2009-MSK, Quantitative Imaging, November 30

Moderator-RSNA Plenary Session
2002-Special Focus Session, "What's New in
Cartilage?" December 5

SOCIETY MEMBERSHIPS:

NATIONAL/INTERNATIONAL

American College of Radiology
American Roentgen Ray Society
Harvard Medical School Aesculapian Society
Harvard Medical School Alumni Association
International Skeletal Society
Radiological Society of North America

Society of Skeletal Radiology

STATE

Virginia chapter of the American College of Radiology
Medical Society of Virginia

LOCAL

Richmond Radiology Society
Richmond Academy of Medicine

EDITORIAL BOARDS:

Deputy Editor:
Radiology, 1998-2000

Editorial Board
Skeletal Radiology, 2005-2007

Reviewer:

1. Reviewer - American Journal of Roentgenology (AJR), 1992-present
2. Reviewer - Radiology, 1995-present
3. Reviewer - Journal Computed Assisted Tomography (JCAT), 1995-present
4. Reviewer- Journal of the Hong Kong College of Radiologists. 1998-present
5. Reviewer – Radiographics, 1999-present
6. Reviewer – Skeletal Radiology, 1999-present
7. Reviewer—American Board of Radiology, self assessment modules (SAMs), 2008-present

TEACHING EXPERIENCE:

Commonwealth Radiology

Monthly pediatric orthopedic surgery conferences with Tuckahoe Orthopaedics faculty and Virginia Commonwealth University Orthopedic Surgery Residents, Organizer and Conductor, 1 hour per month, may 2003-present

Monthly sports medicine conference with Tuckahoe Orthopaedics. Organizer and Conductor, 2 hours per month, for fellows and staff members of Radiology and Orthopaedic Surgery, January 2001-present

Instructor for rotating M4 students from Virginia Commonwealth University in Radiology Department at St. Mary's Hospital and Memorial Regional Medical Center, 2000-present

Virginia Commonwealth University:

Radiology resident Boards (ABR) review conference, 2-4 sessions per year, 1 hour per session, 6-8 residents per year, Virginia Commonwealth University, 1998-present

Conferences/lectures for Department of Orthopaedic Surgery, Organizer and Conductor, 1 hour per month, for

students, residents, fellows and staff members, Virginia Commonwealth University, September 1998- 2000

Musculoskeletal Radiology Conferences for students residents, fellows and staff members. Organizer and conductor, approximately 1 hour per week, includes morning didactic and afternoon case conferences, Department of Radiology, Virginia Commonwealth University, 1998-2000

Conferences for Division of Rheumatology, Department of Medicine. Organizer and Conductor, 1 hour per week, for 20 students, residents, fellows, and staff members of the Departments of Radiology and Medicine, Virginia Commonwealth University, 1998-2000

Daily Musculoskeletal MR/CT imaging conference. Organizer and conductor, 1 hour daily, 4-8 students, residents, fellows, and staff members, Virginia Commonwealth University, 1998-2000

Daily clinical teaching of diagnostic radiology for residents and fellows, Virginia Commonwealth University students, 6-8 hours daily, 25 students, residents, and one fellow per year, Virginia Commonwealth University, 1998-2000

Biweekly Sport Medicine Conference with Department of Orthopaedic Surgery. Organizer and Conductor, 2 hours per month, for residents, fellows and staff members of Radiology and Orthopaedic Surgery, Virginia Commonwealth University, January 1999-2000

Lecture to M4 Virginia Commonwealth University students on Radiology elective rotation, 1 lecture per rotation, topic musculoskeletal radiology, 1999-2000

Developed a Musculoskeletal Radiology Practicum for M2 Virginia Commonwealth University students as part of the 2nd year Musculoskeletal Course. The practicum was developed in 1999 and is given yearly as a four hour block of interactive small group sessions. There are six sections dealing with trauma, sports-MRI, tumors, congenital abnormalities, metabolic diseases, and arthritis. A set of questions was also developed for the final exam.

Albany Medical College:

Musculoskeletal Radiology Conferences for residents and fellows. Organizer and conductor, 1 hour twice monthly, Department of Radiology, Albany Medical College, 1993-1998

Radiology/Orthopedic Surgery Interdisciplinary Conferences. Organizer and Conductor, 1 hour twice monthly for 30 residents, fellows and staff members, Albany Medical College, 1994-1998

Conferences for Division of Rheumatology, Department of Medicine. Organizer and Conductor, 1 hour per month, for 12-15 residents, fellows, and staff members of the Departments of Radiology and Medicine, Albany Medical College, 1993-1998

Radiology resident board review conference, 2-4 sessions per year, 1 hour per session, 4-7 residents per year, Albany Medical College, 1993-1998

Daily Musculoskeletal MR/CT imaging conference. Organizer and conductor, 1 hour daily, 4-8 residents, fellows, and staff members, Albany Medical College, 1994-1998.

Daily clinical teaching of diagnostic radiology for residents and fellows, Albany Medical College students, 6-8 hours daily, 24 residents per year, Albany Medical College, 1993-1998.

Mentor to Michael Piplani, Albany Medical College fourth year student, for graduation with M.D. with Distinction in Research. Thesis: Semi-automated Articular Cartilage Volume Determination from Magnetic Resonance Images. 1994-1995

Other:

Instructor, Harvard Medical School Core Clerkship in Radiology, Massachusetts General Hospital, 1990-1993

Radiology-Pathology Teaching Resident, Massachusetts General Hospital, 1990

New Pathway Patient-Doctor Relationship Instructor, Peabody Society, Harvard Medical School Preceptor: Ronald Arky, M.D., 1987-1988

Resident Assistant and Tutor, Tufts University, 1982-1984

UNPUBLISHED RESEARCH EXPERIENCE: Study of Cellular Tensional Integrity, summer, 1985, Department of Surgery, Children's Hospital Medical Center, Harvard Medical School Preceptor: M. Judah Folkman, M.D.

Inactivation of Regulatory Enzymatic Binding Sites; Protection of Teeth from Bacterial Colonization through

Surface Covalent Modification, 1983-1984, Tufts University, Department of Chemistry and Tufts University School of Dental Medicine, Preceptor: David R. Walt, Ph.D.

Chemical Modification of Vascular Bypass Graft Inner Surfaces to Improve Patency, 1983-1984, Tufts University, Department of Chemistry, and Tufts University School of Medicine, Department of Surgery, Preceptors: David R. Walt, Ph.D., Allan Callow, M.D., William Connolly, Ph.D.

HONORS AND AWARDS:

Distinguished Service Award, American Board of Radiology, December 31, 2011

Elected fellow of the American College of Radiology, 2003, inducted May, 2004

Editor's Recognition Award for reviewing with Special Distinction, Radiology, 2003 (76 of the approximately 800 reviewers received the award in 2003)

Editor's Recognition Award for reviewing with Special Distinction, Radiology, 2001 (32 of the approximately 800 reviewers received the award in 2001)

Editor's Certificate of Recognition for outstanding service to Radiographics and the RSNA in the review of scientific and infoRAD exhibits at the 1999 annual meeting of the RSNA, 1999

Editor's Certificate of Recognition for outstanding service to Radiographics and the RSNA in the review of manuscripts submitted for publication, 1999

Abstract awarded the 1999 RSNA Research Trainee Prize in Musculoskeletal Radiology. Prize awarded to Eric Raymond for abstract number 1193, entitled, "Accuracy of Detection of Porcine and Human Knee Articular Cartilage Defects Using High Frequency Ultrasound".

Editor's Certificate of Recognition for outstanding service to Radiographics and the RSNA in the review of scientific and infoRAD exhibits at the 1998 annual meeting of the RSNA, 1998

Abstract awarded the 1997 RSNA Research Trainee Prize in Musculoskeletal Radiology. Prize awarded to Arvinder Uppal for abstract number 194, entitled, "Clinically Significant Internal Derangement of the Knee: Comparison of Rates of Occurrence at MR Imaging in Patients Referred by Orthopedic vs Non-Orthopedic Specialties". This resident also won the 1997-1998 House Staff

Scholarly Research Prize at Albany Medical College for this work.

Editor's Recognition Award for Distinction in Reviewing, Radiology, 1997.

RSNA Certificate of Merit. Poster number 865SK. Applications of the Fat-Suppressed 3D Spoiled GRE Sequence in MR Imaging of Hyaline Cartilage of the Articular Surface and the Physis. Radiology 1996;201(P):533. RSNA 1996, Chicago, Illinois.

RSNA poster selected for Category I credit. Poster number SK232. MR Imaging of Disorders of the Ankle and Foot. Radiology 1995;197(P):467. RSNA1995, Chicago, Illinois.

Picker - AUR Academic Faculty Career Development Scholar, 1994

Honors, Harvard Medical School (no AOA at HMS), 1988

Certified Graduate of the American Chemical Society, 1984

Durkee Prize in Chemistry, 1984

Phi Beta Kappa, 1984

James Flack Norris Scholar of the American Chemical Society, 1983-1984

George Peabody Gold Medal, 1980

NSF Summer Science Training Fellowship, 1979

CONSULTANT POSITIONS

Empire Blue Cross/Blue Shield, 1996-1998

Genzyme Corporation, Cambridge, MA, 1996-2002

Stryker Biotech, Natick, MA, 1996-2000

GRANTS

Healing Time Course of Tibial Segmental Defects in Dogs with the OP-1 Device, co-investigator, Stryker Biotech, October 1996, \$222,758 (radiology component \$3,000)

Healing of Tibial Segmental Defects in Dogs with Multiple Implantation of the OP-1 Device, co-investigator, Stryker Biotech, February 1997, \$226,661 (radiology component \$4,480)

Long Term Healing of Tibial Segmental Defects in Dogs with the OP-1 Device, co-investigator, Stryker Biotech, February 1997, \$363,095 (radiology component \$5,320)

Anterior Interbody Fusion of the Cervical Spine- Comparison of Autograft, Allograft, and OP-1 in a Goat Model, co-investigator, Stryker Biotech, July 1997, \$350,000 (radiology component \$12,500)

Study of Feasibility of Imaging Articular Cartilage with Ultrasound, principal investigator, Advanced Technology Laboratories, January 1999, \$5,000

Mechanical Function Predicted by MRI Parameters in Cartilage, co-investigator, Virginia Commonwealth Health Research Board, August, 2000, \$80,000 (1 year)

BIBLIOGRAPHY**PEER-REVIEWED PUBLICATIONS**

1. Disler DG, Walt DR. Detection of Endogenous Digitalis Activity. Nucleus 1984; 62:5-6.
2. Chew FS, Disler DG. Chondrosarcoma: Radiologic-Pathologic Conferences of the Massachusetts General Hospital. AJR 1991;156:1016.
3. Disler DG, Chew FS. Splenic Hemangioma: Radiologic-Pathologic Conferences of the Massachusetts General Hospital. AJR 1991;157:44.
4. Disler DG, DeLuca S. Radiographic Highlights: Necrotizing Aspiration Pneumonia. American Family Physician 1991;44:1719-1721.
5. Disler DG, Chew FS. Adrenal Pheochromocytoma: Radiologic-Pathologic Conferences of the Massachusetts General Hospital. AJR 1991;158:1056.
6. Disler DG, DeLuca S. Radiographic Highlights: Traumatic Rupture of the Diaphragm and Herniation of the Liver. American Family Physician 1992; 46:453-456.
7. Disler DG, Chew FS. Gastric Leiomyosarcoma: Radiologic-Pathologic Conferences of the Massachusetts General Hospital. AJR 1992;159:58.
8. Disler DG, Kattapuram SV, Rosenthal DI, Chew FS, Patel D. Meniscal Tears of the Knee: Preliminary Comparison of Three-Dimensional MR Reconstruction with Two-Dimensional MR Imaging and Arthroscopy. AJR 1993;160:343-345.
9. Disler DG, Alexander AA, Mankin HJ, O'Connell JX, Rosenberg AE, Rosenthal DI. Multicentric Fibromatosis with Metaphyseal Dysplasia. Radiology 1993; 187:489-492.
10. Disler DG, Rosenberg AE, Springfield D, O'Connell JX, Rosenthal DI, Kattapuram SV. Extensive Skeletal Metastases from Chondrosarcoma without Pulmonary Involvement. Skeletal Radiology 1993;22:595-599.
11. Disler DG, Marr DS, Rosenthal DI. Accuracy of Volume Measurements of Computed Tomography and Magnetic Resonance Imaging Phantoms by Three-Dimensional Reconstruction and Preliminary Clinical Application. Investigative Radiology 1994;29:739-745.
12. Disler DG, Peters TL, Muscoreil SJ, Ratner LM, Wagle WA, Cousins JP, Rifkin MD. Fat-Suppressed Spoiled GRASS Imaging of Knee Hyaline Cartilage: Technique Optimization and Comparison with Conventional MR Imaging. AJR 1994;163:887-892.
13. McCandless B, Disler DG. Renal Osteodystrophy with Insufficiency Fractures. International Medical Image Registry 1995;1:13-14.

14. Aerts P, Disler DG. Abnormalities of the Foot and Ankle: MR Imaging Findings. AJR 1995;165:119-124.
15. Disler DG, Cohen MS, Krebs DE, Roy SH, Rosenthal DI. Dynamic Evaluation of Exercising Leg Muscle in Normal Subjects with Echo-Planar MR Imaging: Work Rate and Work Determine Rate of T2 Change. Journal of Magnetic Resonance Imaging (JMRI) 1995;5:588-593.
16. Disler DG, McCauley TR, Wirth CR, Fuchs MD. Detection of Knee Hyaline Cartilage Defects Using Fat-Suppressed Three-Dimensional Spoiled Gradient-Echo MR Imaging: Comparison with Standard MR Imaging and Correlation with Arthroscopy. AJR 1995;165:377-382.
17. Tam MK, Disler DG. Osteomyelitis of the First Metatarsal Bone. International Medical Image Registry 1995;1:113-114.
18. McCandless B, Disler DG, Killam D, Hendrick W. Hypertrophic Pulmonary Osteoarthropathy. International Medical Image Registry 1995;1:101-102.
19. Tam MK, Disler DG. Gamekeeper's Thumb: Stener Lesion. International Medical Image Registry 1995;1:127-128.
20. Lau K, Disler DG. Radiation-induced Sacral Insufficiency Fracture. International Medical Image Registry 1996;2:9-10.
21. Piplani MA, Disler DG, McCauley TR, Holmes TJ, Cousins JP. Articular Cartilage Volume in the Knee: Semiautomated Determination from Three-Dimensional Reformations of MR Images. Radiology 1996;198:855-859.
22. Disler DG, McCauley TR, Kelman CG, Ratner LM, Fuchs MD, Wirth CR, Hospodar PP. Fat-Suppressed Three-dimensional Spoiled Gradient-Echo MR Imaging of Hyaline Cartilage Defects in the Knee: Comparison with Standard MR Imaging and Arthroscopy. AJR 1996;167:127-132.
23. Kelman CG, Disler DG, Kremer JM, Jennings TA. Xanthomatous infiltration of ankle tendons. Skeletal Radiology 1997;26:256-259.
24. Carl AL, Khanuja HS, Sachs BL, Gatto CA, vomLehn J, Vosburgh K, Schenck J, Lorensen W, Rohling K, Disler D. In vitro simulation: early results of stereotaxy for pedicle screw placement. Spine 1997;22:1160-1164.
25. Rubenstein J, Recht M, Disler DG, Kim J, Henkelman RM. Lamellar Structures on MR Images of Articular Cartilage (devil's advocate). Radiology 1997;204:15-18.
26. Disler DG, McCauley TR. Detection of Cartilage Lesions with Fat-Suppressed Three-Dimensional Spoiled Gradient-Echo MR Imaging (reply to letter to editor). AJR 1997;169:910-911.
27. Disler DG. Fat-Suppressed Three-Dimensional Spoiled Gradient-Recalled MR Imaging: Assessment of Articular and Physeal Hyaline Cartilage. AJR 1997;169:1117-1123.

28. Disler DG, McCauley TR, Ratner LM, Kesack CD, Cooper JA. In-Phase and Out-of-Phase MR Imaging of Bone Marrow: Prediction of Neoplasia Based on the Detection of Coexistent Fat and Water. *AJR* 1997;169:1439-1447.
29. Lafond-Kim GM, Disler DG, Hou J, Riben MW, Jennings TA. Osseous Hemangiopericytomas of Unsuspected Intracranial Origin. *Skeletal Radiology* 1998;27:98-102.
30. Uppal A, Disler DG, Short WB, McCauley TR, Cooper JA. Internal Derangement of the Knee: Rates of Occurrence at MR Imaging in Patients Referred by Orthopedic Surgeons Compared with Patients Referred by Physicians who are not Orthopedic Surgeons. *Radiology* 1998;207:633-636.
31. Ratner LM, Kesack A, McCauley TR, Disler DG. Disseminated Bartonella Henselae (Cat-Scratch Disease): Appearance of Multifocal Osteomyelitis with MR Imaging. *AJR* 1998;171:1164-1165.
32. McCauley TR, Disler DG. State of the Art: MR Imaging of Articular Cartilage. *Radiology* 1998;209:629-640.
33. Disler DG, McCauley TR. Clinical MR Imaging of Articular Cartilage. *Topics in Magnetic Resonance Imaging* 1998;9:360-376.
34. Disler DG, Bobic V, Recht MP, Lang P, Winalski C. ICRS Articular Cartilage Imaging Group Update. *ICRS Newsletter* 1999;2:7-8.
35. May DA, Disler DG, Carr JB. Unexpected Hip Arthrogram During Cystography in a Patient with Extraperitoneal Bladder Rupture and Acetabular Fracture. *AJR* 1999;173:1416-1417.
36. McCauley TR, Disler DG. MR Imaging of Articular Cartilage in the Knee. *RSNA Categorical Course in Diagnostic Radiology: Body MR* 1999:243-249.
37. Disler DG, Miklic D. Imaging Findings in Tumors of the Sacrum. *AJR* 1999;173:1699-1706.
38. Kelman CG, Disler DG. Metaphyseal Undertubulation in Gaucher Disease: Resolution at MRI in a Patient Undergoing Enzyme Replacement Therapy. *Journal of Computed Assisted Tomography* 2000;24:173-175.
39. May DA, Disler DG, Jones EA, Pearce DA. Using Sonography to Diagnose an Unossified Medial Epicondyle Avulsion in a Child. *AJR* 2000;174:1115-1117.
40. May DA, Disler DG. Screening for Avascular Necrosis of the Hip with Rapid Magnetic Resonance Imaging. *Journal of Computed Assisted Tomography*, 2000;24:284-287.
41. Disler DG, Raymond E, May DA, Wayne JS, McCauley TR. Detection and Grading of Articular Cartilage Defects with Ultrasound: Evaluation of Accuracy and Interobserver Reliability. *Radiology* 2000;215:846-851.
42. Disler DG, Recht MP, McCauley TR. MR Imaging of Articular Cartilage. *Skeletal Radiology* 2000;29:367-377.

43. May DA, Disler DG, Jones EA, Balkissoon AA, Manaster BJ. Abnormal Signal Intensity in Skeletal Muscle at MR Imaging: Patterns, Pearls, and Pitfalls. *Radiographics* (with CME credit) 2000;20:S295-S315.
44. Jones EA, Manaster BJ, May DA, Disler DG. Neuropathic Osteorhopathy: Diagnostic Dilemmas and Differential Diagnosis. *Radiographics* (with CME credit) 2000;20:S279-S293S.
45. McCauley TR, Disler DG. Perspective on Modern Orthopaedics: Magnetic Resonance Imaging of Articular Cartilage of the Knee. *Journal of the American Academy of Orthopaedic Surgeons* 2001;9:2-8.
46. McCauley TR, Disler DG, Tam MK. Bone Marrow Edema in the Greater Tuberosity of the Humerus at MR Imaging: Association with Rotator Cuff Tears and Traumatic Injury. *Magnetic Resonance Imaging* 2000;18:979-984.
47. The International Cartilage Society Articular Cartilage Imaging Committee: Recht M, Bobic V, Burstein D, Disler D, Gold G, Gray M, Kramer J, Lang P, McCauley T, Winalski C. Magnetic Resonance Imaging of Articular Cartilage. *Clinical Orthopaedics and Related Research (CORR)* 2001;391S:S379-S396.
48. McCauley TR, Recht MP, Disler DG. Clinical Imaging of Articular Cartilage in the Knee. *Seminars in Musculoskeletal Radiology* 2001;5:293-304.
49. Iwasko N, Steinbach LS, Disler D, Pathria M, Hottya GA, Kattapuram S, Varma DGK, Kumar R. Imaging Findings in Mazabraud's Syndrome: Seven New Cases. *Skeletal Radiology* 2002;31:81-87.
50. May DA, Disler DG. Primary Coccidioidal Synovitis of the Knee (Diagnosis Please, Case 50). *Radiology* 2002;224:665-668.
51. Leffler S, Disler DG. MR Imaging of Tendon, Ligament, and Osseous Abnormalities of the Ankle and Hindfoot. *Radiologic Clinics of North America* 2002;40:1147-1170.
52. Stern AG, de Carvalho MRC, Buck GA, Adler RA, Rao TPS, Disler DG, Moxley G. Association of Erosive Hand Osteoarthritis with a Single Nucleotide Polymorphism on the Gene Encoding Interleukin-1 Beta. *Osteoarthritis and Cartilage* 2003;11:394-402.
53. Wayne JS, Kraft KA, Shields KJ, Yin C, Owen JR, Disler DG. MR Imaging of Normal and Matrix-depleted Cartilage: Correlation with Biomechanical Function and Biochemical Composition. *Radiology* 2003;228:493-499.
54. Gold GE, McCauley TR, Gray ML, Disler DG. What's New in Cartilage? (Special Focus Session) *Radiographics* 2003;23:1227-1242.
55. Stern AG, Moxley G, Rao TPS, Disler DG, McDowell C, Park M, Schumacher HR. Utility of digital photographs of the hand for assessing the presence of hand osteoarthritis. *Osteoarthritis and Cartilage* 2004;12:360-365.

BOOKS, CHAPTERS AND GUEST EDITORSHIPS:

1. Recht MP, Disler DG, McCauley TR. Magnetic Resonance Imaging of Articular Cartilage. In: Taveras JM, Ferrucci J, eds. Radiology: Diagnosis, Imaging, and Intervention. Philadelphia: Lippencott, Williams, and Wilkins 2000;5(47):323-325.
2. Recht MP and Disler DG, guest eds. Issue entitled, "MRI of Cartilage". Seminars in Musculoskeletal Radiology 2001;5(4):289-388.
3. Recht MP and Disler DG. Articular Cartilage: Magnetic Resonance Imaging. In: Resnick D, ed. Diagnosis of Bone and Joint Disorders, 4th ed. Philadelphia: W.B. Saunders Company, 2002;19:817-833.
4. Manaster BJ, Disler DG, May DA. The Requisites: Musculoskeletal Imaging, 2nd ed. St. Louis, Mosby, 2002.
5. Disler DG and Recht MP (eds). Issue entitled, "Imaging of the Lower Extremity." Radiologic Clinics of North America 2002;40(5):971-1198.
6. Recht MP and Disler DG. Articular Cartilage: Structure and Magnetic Resonance Imaging. In: Resnick D, Kang HS, Pretterklieber ML, eds. Internal Derangements of Joints, 2nd ed. Philadelphia: W.B. Saunders Company, 2006;4:88-106.
7. Manaster BJ, May DA, Disler DG. The Requisites: Musculoskeletal Imaging, 3rd ed. St. Louis, Mosby, 2006.
8. Manaster BJ, May DA, Disler DG. The Requisites: Musculoskeletal Imaging, 4rd ed. Philadelphia, Saunders, 2013.

ABSTRACTS:

1. Disler DG, Kattapuram SV, Rosenthal DI, Chew FS, Patel D. Three-Dimensional MR Imaging of the Meniscus. Paper number 521. Radiology 1991;181(P):179. RSNA 1991, Chicago, Illinois.
2. Disler DG, Chew FS. Basic Principles of Bone Tumors: Interactive Computer-Assisted Teaching Module. Meeting program p. 83. AUR 1992, Chicago, Illinois.
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65. May DA, Disler DG, Jones EA, Balkissoon AA, Manaster BJ. Abnormal Signal in Skeletal Muscle in MR Imaging: Patterns, Pitfalls, and Pearls. Abstract number 646MK. Radiology 1999;213(P):537. RSNA 1999, Chicago, Illinois.
66. Recht MP, Disler DG, Piraino DW. Reliability and Speed of Internet Transmission of CT and MR Images. RSNA 1999, alternate, Chicago, Illinois.
67. May DA, Disler DG. Screening for Avascular Necrosis of the Hip with Rapid Magnetic Resonance Imaging: Preliminary Experience. Society of Skeletal Radiology (SSR) 2000, Scottsdale, Arizona.
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70. Disler DG, Raymond E, May DA, Wayne JS, McCauley TR. Detection and Grading of Articular Cartilage Defects with Ultrasound: Evaluation of Accuracy and Interobserver Reliability. International Cartilage Repair Society 2000, Gothenburg, Sweden.

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76. Stern AG, Petkov VI, Disler DG, Carlson P, Rosen CJ, Holt C, Nestler J, Adler RA. Bone mineral density in primary hand osteoarthritis: comparison between erosive and non-erosive hand osteoarthritis. International Society of Clinical Densitometry 2003, Los Angeles, California. J Clin Densitom 2003;6:183.
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78. Stern AG, Moxley G, Rao S, Disler D, McDowell C, Park M, Schumacher R. Assessing the accuracy of a digital hand photograph and physical examination for radiographic hand osteoarthritis. Arthritis Rheum 2003;48 (supplement):S296.
79. Jennings WB, Disler DG, Goradia, VK, Wiley WB, Pearson SE. Comparison of x-ray, magnetic resonance imaging (MRI), and cadaveric measurements of meniscal size. Paper presented at the 57th annual meeting of the Virginia Orthopaedic Society, May 14-16, 2004, Norfolk, Virginia.
80. Goradia V, Wolfe S, Disler D, Wiley W, Jennings WB. Sizing of meniscal allografts: comparison of plain radiographs, magnetic resonance imaging, and cadaveric measurements. Number P369. 72nd Annual Meeting of the American Academy of Orthopaedic Surgeons, February, 2005, Washington, DC.
81. Jennings WB, Goradia VK, Pearson SE, Wiley WB, Disler DG. Sizing of meniscal allografts: comparison of plain radiographs, magnetic resonance imaging, and cadaveric measurements. Abstract 300. Arthroscopy Association of North America, 2005.
82. Stern AG, Petkov VI, Rao TPS, Disler DG, Carlson P, Adler RA. Forearm bone density in patients with hand osteoarthritis. International Society of Clinical Densitometry, February, 2005, New Orleans, Louisiana. J Clin Densitom 2005;8:233.

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84. Meyers JF, Follweiler A, O'Connor WO, Disler DG, Padgett V, Pearson SE, Lawrence I, Vissers OF. Preoperative Magnetic Resonance Imaging as a Predictor of Hamstring Anterior Cruciate Ligament Autograft Diameter. Virginia Orthopedic Society, 2008.

CONTRIBUTING AUTHORSHIPS

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2. Rosenthal DI, Barboriak D, Palmer WE, Chew FS, Rosenberg AE (eds.). MGH Radiology Clinical Review, Philadelphia: Saunders, 1993

THESIS:

1. The Elderly as a Population at Risk for Inequitable Distribution of Health Care Resources: An Application of the Theories of Rawls, Kant, Bentham and Mill, 1984, Departments of Medical Ethics and Geriatrics, Harvard Medical School, Preceptor: Daniel Singer, M.D.

INVITED LECTURES AND PRESENTATIONS:

1. Grand Rounds, Albany Medical College, Department of Radiology. "Advances in Musculoskeletal MR Imaging: Dynamic Imaging of Exercising Muscle; Three-Dimensional Reconstructive Imaging of the Knee Meniscus", November 5, 1993, Albany, New York.
2. Albany Medical College, Division of Orthopedic Surgery, Department of Surgery. "Radiology of the Shoulder", July 8, 1994, Albany, New York.
3. Albany Medical College, Division of Orthopedic Surgery, Department of Surgery. "Radiologic Evaluation of the Pelvis", August 5, 1994, Albany, New York.
4. Albany Medical College, Division of Orthopedic Surgery, Department of Surgery. "Radiologic Evaluation of the Knee", August 26, 1994, Albany, New York.
5. Albany Medical College, Division of Orthopedic Surgery, Department of Surgery. "Radiologic Evaluation of the Spine", September 9, 1994, Albany, New York.
6. Albany Medical College, Division of Orthopedic Surgery, Department of Surgery. "Radiology of Musculoskeletal Neoplasms", September 23, 1994, Albany, New York.

7. Albany Medical College, First Year Course in Anatomy. "Anatomy of the Upper Extremity", November 9, 1994, Albany, New York.
8. Albany Medical College, Department of Radiology. Presentation of Research to the General Electric Corporation, March 7, 1995, Albany, New York.
9. Grand Rounds, Albany Medical College, Division of Orthopedic Surgery, Department of Surgery. "Advances in Musculoskeletal MR Imaging: Noninvasive Evaluation of Articular Cartilage and MR Arthrography", August 30, 1995, Albany, New York.
10. State University of New York at Albany, School of Public Health. Hospital Epidemiology (Epidemiology course # EPI-697), "Radiologic Imaging of Infection", September 8, 1995, Albany, New York.
11. Albany Medical College, Division of Orthopedic Surgery, Department of Surgery. "Musculoskeletal Tumor Imaging", September 29, 1995, Albany, New York.
12. Grand Rounds, Albany Medical College, Department of Physical Medicine and Rehabilitation. "Radiologic Evaluation of the Knee", November 17, 1995, Albany, New York.
13. Attending Rounds, Albany Medical College, Department of Emergency Medicine. "Clinical and Radiologic Evaluation of Cervical Spine Trauma". November 17, 1995, Albany, New York.
14. RSNA Category I Poster Presentation Lectures. "MR Imaging of Disorders of the Ankle and Foot" (Abstract number 232SK). November 27-30, 1995, Chicago, Illinois.
15. Genzyme corporation. "Hyaline Cartilage Imaging with MRI". January 29, 1996, Cambridge, Massachusetts.
16. Stryker Biotech. "Hyaline Cartilage Imaging with MRI". April 24, 1996, Natick, Massachusetts.
17. Albany Medical College, Division of Orthopedic Surgery, Department of Surgery. "Musculoskeletal Tumor Imaging", October 18, 1996, Albany, New York.
18. State University of New York at Albany, School of Public Health. Hospital Epidemiology (Epidemiology course # EPI-615), "Radiologic Diagnosis of Infections", January 31, 1997, Albany, New York.
19. Albany Medical College, Division of Orthopedic Surgery, Department of Surgery. "Radiographic Characteristics of Tumors", November 11, 1997, Albany, New York.
20. Armed Forces Institute of Pathology, Department of Radiologic Pathology. "MR Imaging of Articular Cartilage", January 22, 1998, Washington, D.C.
21. Wilford Hall Medical Center, Brooke Army Medical Center, and University of Texas Health Sciences Center at San Antonio, Departments of Radiology. "MR Imaging of Articular Cartilage" (lecture to each department), January 26, 1998.

22. Wilford Hall Medical Center, Brooke Army Medical Center, and University of Texas Health Sciences Center at San Antonio, Departments of Radiology. "Bone Tumor Imaging" (lecture to each department), January 27, 1998.
23. Armed Forces Institute of Pathology, Department of Radiologic Pathology. "MR Imaging of Articular Cartilage", March 19, 1998, Washington, D.C.
24. Medical College of Virginia-Virginia Commonwealth University, Department of Radiology. "Basic Approach to Imaging of Bone Tumors", April 24, 1998, Richmond, Virginia.
25. Armed Forces Institute of Pathology, Department of Radiologic Pathology. "MR Imaging of Articular Cartilage", May 4, 1998, Washington, D.C.
26. Cleveland Clinic, Department of Radiology. "Imaging of Bone Tumors—Radiographic Approach". May 13, 1998, Cleveland, Ohio.
27. Cleveland Clinic, Department of Radiology. "MR Imaging of Articular Cartilage". May 13, 1998, Cleveland, Ohio.
28. Cleveland Clinic, Department of Radiology. "MR Imaging of the Knee". May 14, 1998, Cleveland, Ohio.
29. Armed Forces Institute of Pathology, Department of Radiologic Pathology, Categorical Course in Musculoskeletal Radiology. "MR Imaging of Articular Cartilage". Musculoskeletal Categorical Course, July 24, 1998, Washington, D.C.
30. Armed Forces Institute of Pathology, Department of Radiologic Pathology. "MR Imaging of Articular Cartilage", September 22, 1998, Washington, D.C.
31. Virginia Commonwealth University, Department of Orthopaedic Surgery, "Imaging of Bone Tumors", October 16, 1998, Richmond, Virginia.
32. Armed Forces Institute of Pathology, Department of Radiologic Pathology. "MR Imaging of Articular Cartilage", November 10, 1998, Washington, D.C.
33. Virginia Commonwealth University, Grand Rounds, Division of Rheumatology, Department of Medicine. "MR Imaging of Articular Cartilage", November 13, 1998, Richmond, Virginia.
34. Virginia Commonwealth University, Department of Orthopaedic Surgery, "MR Imaging of Articular Cartilage", November 20, 1998, Richmond, Virginia.
35. Armed Forces Institute of Pathology, Department of Radiologic Pathology. "MR Imaging of Articular Cartilage", January 5, 1999, Washington, D.C.
36. Virginia Commonwealth University, Department of Orthopaedic Surgery, "MR Imaging of the Knee", January 15, 1999, Richmond, Virginia.
37. Armed Forces Institute of Pathology, Department of Radiologic Pathology. "MR Imaging of Articular Cartilage", March 24, 1999, Washington, D.C.
38. Armed Forces Institute of Pathology, Department of Radiologic Pathology. "MR Imaging of Articular Cartilage", April 27, 1999, Washington, D.C.

39. Uniformed Services University of Health Sciences, Musculoskeletal Program of the Army Medical Department Current Concepts in Radiology Course, "MR Imaging of Articular Cartilage", April 27, 1999, Washington, D.C.
40. Annual meeting of the Virginia Chapter of the American College of Radiology, "MR Imaging of Articular Cartilage", May 1, 1999, Williamsburg, Virginia.
41. Annual meeting of the Virginia Chapter of the American College of Radiology, "MR Imaging of the Knee—Pearls and Pitfalls", May 1, 1999, Williamsburg, Virginia.
42. Second Year Virginia Commonwealth University Course in Musculoskeletal Pathophysiology, "The Musculoskeletal Radiology Practicum", May 7, 1999, Richmond, Virginia.
43. ISAKOS (International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine) International Congress, Articular Cartilage Imaging Symposium, "Clinical MR Imaging", June 1, 1999, Washington, D.C.
44. Armed Forces Institute of Pathology, Department of Radiologic Pathology, Categorical Course in Musculoskeletal Radiology. "MR Imaging of Articular Cartilage". Musculoskeletal Categorical Course, July 27, 1999, Washington, D.C.
45. Armed Forces Institute of Pathology, Department of Radiologic Pathology. "MR Imaging of Articular Cartilage", October 15, 1999, Washington, D.C.
46. University of Toronto, Department of Radiology. "Radiographic Evaluation of Bone Tumors", November 1, 1999, Toronto, Ontario, Canada.
47. University of Toronto, Department of Radiology. "MR Imaging of Articular Cartilage", November 1, 1999, Toronto, Ontario, Canada.
48. University of Toronto, Department of Radiology. "MR Imaging of the Knee", November 2, 1999, Toronto, Ontario, Canada.
49. University of Indiana, Department of Radiology, "Radiographic Evaluation of Cervical Spine Trauma", November 18, 1999, Indianapolis, Indiana.
50. Harvard Medical School, Massachusetts General Hospital and Brigham and Women's Hospital, Department of Radiology, "Radiographic Assessment in Arthritis: Pattern Approach", December 14, 1999, Boston, Massachusetts.
51. Armed Forces Institute of Pathology, Department of Radiologic Pathology. "MR Imaging of Articular Cartilage", January 11, 2000, Washington, D.C.
52. Virginia Commonwealth University, Department of Orthopaedic Surgery, "The Production of Xrays and their Interactions with Matter", January 21, 2000, Richmond, Virginia.
53. International Cartilage Repair Society 2000 Standards Workshop, "The State of the Art in Articular Cartilage Imaging", January 27, 2000, Murten, Switzerland.

54. Armed Forces Institute of Pathology, Department of Radiologic Pathology. "MR Imaging of Articular Cartilage", February 25, 2000, Washington, D.C.
55. International Society of Magnetic Resonance in Medicine Annual Meeting. "Interpretation of Articular Cartilage Abnormalities in Clinical MR". April 4, 2000.
56. International Cartilage Repair Society Annual Symposium. "State of the Art in Clinical MR Imaging of Articular Cartilage". April 28, 2000.
57. Armed Forces Institute of Pathology, Department of Radiologic Pathology. "MR Imaging of Articular Cartilage", May 9, 2000, Washington, D.C.
58. Second Year Virginia Commonwealth University Course in Musculoskeletal Pathophysiology, "The Musculoskeletal Radiology Practicum", May 4, 2000, Richmond, Virginia.
59. Medical University of South Carolina, Department of Radiology, "MR Imaging of Articular Cartilage", June 7, 2000, Charleston, South Carolina.
60. Armed Forces Institute of Pathology, Department of Radiologic Pathology. "MR Imaging of Articular Cartilage". Musculoskeletal Categorical Course, July 28, 2000, Washington, D.C.
61. The International Skeletal Society 27th Annual Refresher Course: Diagnosis and Management of Musculoskeletal Disorders. "Chondral and Osteochondral Lesions", September 13, 2000, Barcelona, Spain.
62. Armed Forces Institute of Pathology, Department of Radiologic Pathology. "MR Imaging of Articular Cartilage", October 17, 2000, Washington, D.C.
63. Medical College of Virginia-Virginia Commonwealth University, Department of Radiology. "Basic Approach to Imaging of Bone Tumors", October 17, 2000, Richmond, Virginia.
64. Armed Forces Institute of Pathology, Department of Radiologic Pathology. "MR Imaging of Articular Cartilage", January 9, 2001, Washington, D.C.
65. Tenth Annual Scientific Meeting of the Singapore Radiological Society and the 3rd Annual Scientific Meeting of the Asian Musculoskeletal Society, "MR Imaging of Articular Cartilage: State of the Art", February 18, 2001, Singapore.
66. Tenth Annual Scientific Meeting of the Singapore Radiological Society and the 3rd Annual Scientific Meeting of the Asian Musculoskeletal Society, "International Cartilage Repair Society: Imaging Perspectives", February 18, 2001, Singapore.
67. Tenth Annual Scientific Meeting of the Singapore Radiological Society and the 3rd Annual Scientific Meeting of the Asian Musculoskeletal Society, "Imaging of Psoriatic Arthritis", February 18, 2001, Singapore.
68. Tan Tock Seng Hospital, "Radiographic Approach to Tumor Assessment", February 19, 2001, Singapore.
69. Hong Kong College of Radiologists, "Radiographic Approach to Bone Tumor Assessment", February 22, 2001, Hong Kong.

70. Hong Kong College of Radiologists, "MR Imaging of Articular Cartilage", February 22, 2001, Hong Kong.
71. Armed Forces Institute of Pathology, Department of Radiologic Pathology. "MR Imaging of Articular Cartilage", March 27, 2001, Washington, D.C.
72. Uniformed Services University of Health Sciences, Musculoskeletal Program of the Army Medical Department Problem Oriented Radiology Course, "MR Imaging of Articular Cartilage: New Concepts", March 27, 2001, Washington, D.C.
73. The International Skeletal Society 28th Annual Refresher Course: Diagnosis, Differential Diagnosis and Management of Musculoskeletal Disorders in Adults and Children. "MR Imaging of Articular Cartilage", September 6, 2001, Quebec City, Quebec, Canada.
74. Medical College of Virginia-Virginia Commonwealth University, Department of Radiology. "Radiographic Classification of Arthritis", May 3, 2002, Richmond, Virginia.
75. University of Maryland, Department of Radiology. "Radiographic Approach to the Evaluation of Bone Tumors", July 19, 2002, Baltimore, Maryland.
76. University of Maryland, Department of Radiology. "Radiographic Approach to the Evaluation of Arthritis", July 19, 2002, Baltimore, Maryland.
77. Radiological Society of North America 88th Scientific Assembly and Annual Meeting, "Vertebroplasty and Spinal/Joint Injections", Course 214: Interventional Musculoskeletal Radiology: From Simple to Complex, December 2, 2002, Chicago Illinois.
78. Radiological Society of North America 88th Scientific Assembly and Annual Meeting, "What's New in Cartilage?", Special Focus Session (Moderator), December 5, 2002, Chicago, Illinois.
79. Richmond Radiology Society, "MR Imaging of Articular Cartilage", January 23, 2003, Richmond, Virginia.
80. Radiological Society of North America 89th Scientific Assembly and Annual Meeting, "Vertebroplasty and Spinal/Joint Injections", Course 614: Interventional Musculoskeletal Radiology: From Simple to Complex, December 4, 2003, Chicago Illinois.
81. Society of Skeletal Radiology, "Improving Efficiency and Reducing Costs", Socioeconomic Symposium, March 7, 2004, Tucson, Arizona.
82. 12th Annual Pediatric Orthopaedic Symposium, Pediatric Orthopaedics for the Practicing Primary Care Physician, "Pediatric Radiology", May 7, 2004, Richmond, Virginia.
83. North Shore University Hospital, Department of Radiology. "Radiographic Approach to the Evaluation of Bone Tumors", April 6, 2005, Manhasset, New York.

84. North Shore University Hospital, Department of Radiology. "Radiographic Approach to the Evaluation of Arthritis", April 6, 2005, Manhasset, New York.
85. 13th Annual Pediatric Orthopaedic Symposium, Pediatric Orthopaedics for the Practicing Primary Care Physician, "Radiographic Approach to the Evaluation of Bone Tumors", April 29, 2005, Richmond, Virginia.
86. Virginia Commonwealth University, Medical College of Virginia, Department of Orthopaedic Surgery. "Physics of MR Imaging", May 13, 2005, Richmond, Virginia.
87. International Skeletal Society, Regional Outreach Program, Special Musculoskeletal Workshop for Young Radiologists, "Radiographic Approach to Arthritis", January 15, 2006, Manila Hotel, Manila, the Philippines.
88. International Skeletal Society, Regional Outreach Program, Special Musculoskeletal Workshop for Young Radiologists, "Imaging of Hip Replacements", January 15, 2006, Manila Hotel, Manila, the Philippines.
89. International Skeletal Society, Regional Outreach Program, Special Musculoskeletal Workshop for Young Radiologists, "Radiographic Approach to Bone Tumors", January 16, 2006, Manila Hotel, Manila, the Philippines.
90. Asian Musculoskeletal Society, 8th annual scientific meeting, pre-congress of ASEAN Association of Radiology, 13th congress, in cooperation with the Philippine College of Radiology, "MR Imaging of Cartilage Injuries", January 17, 2006, Manila, the Philippines.
91. Seoul National University Bundang Hospital, Departments of Orthopaedic Surgery and Radiology, "Clinical Imaging of Articular Cartilage", January 18, 2006, Seoul, Korea.
92. Seoul National University Hospital, Department of Radiology, "Radiographic Approach in the Assessment of Arthritis", January 18, 2006, Seoul, Korea.
93. Korea Musculoskeletal Society, "Clinical Imaging of Articular Cartilage", January 18, 2006, Seoul National University, Seoul, Korea.
94. International Skeletal Society, 33rd Annual Radiology Refresher Course, "Clinical Evaluation of Articular Cartilage", September 15, 2006, Vancouver, British Columbia, Canada.

VISITING PROFESSORSHIPS

- 1 Visiting Scientist, Armed Forces Institute of Pathology, Washington, D.C., October 1, 1997-June 1, 2001.
- 2 Wilford Hall Medical Center, Brooke Army Medical Center, and University of Texas Health Sciences Center at San Antonio, January 26-27, 1998, San Antonio, Texas.
- 3 Cleveland Clinic, May 13-14, 1998, Cleveland, Ohio.

- 4 Uniformed Services University of Health Sciences (USUHS), April 27, 1999, Bethesda, Maryland (Musculoskeletal Program of the Army Medical Department Current Concepts in Radiology Course).
- 5 University of Toronto, Department of Radiology, November 1-3, 1999, Toronto, Canada.
- 6 University of Indiana, Department of Radiology (Visiting Scholar), November 18, 1999, Indianapolis, Indiana.
- 7 Harvard Medical School, Massachusetts General Hospital and Brigham and Women's Hospital, Department of Radiology, December 14, 1999, Boston, Massachusetts.
- 8 Medical University of South Carolina, Department of Radiology, June 7, 2000, Charleston, South Carolina.
- 9 Hong Kong College of Radiologists, February 22-23, 2001, Hong Kong.
- 10 Uniformed Services University of Health Sciences (USUHS), March 27, 2001, Bethesda, Maryland (Musculoskeletal Program of the Army Medical Department Problem Oriented Radiology Course).
- 11 Virginia Commonwealth University, Medical College of Virginia, May 3, 2002, Richmond, Virginia.
- 12 University of Maryland, Department of Radiology, July 19, 2002, Baltimore, Maryland.
- 13 New York University, North Shore – Long Island Jewish Health System, Department of Radiology, April 6, 2005, Manhasset, New York.
- 14 Seoul National University, Departments of Radiology and Orthopedic Surgery, January 18, 2006, Seoul, Korea.