

Curriculum Vitae and Bibliography

Kimberly K. Amrami, MD

1. Personal Information

Citizenship:

(b) (6)

2. Present Academic Rank and Position

Consultant - Department of Radiology, Mayo Clinic, Rochester, Minnesota	10/2001 - Present
Master's Faculty Privileges in Clinical & Translational Science - Mayo Graduate School, Mayo Clinic College of Medicine	06/2007 - Present
Consultant (Joint Appointment) - Department of Neurologic Surgery, Mayo Clinic, Rochester, Minnesota	04/2008 - Present
Professor of Radiology - Mayo Clinic College of Medicine	01/2009 - Present
Chair - Division of Musculoskeletal Radiology, Department of Radiology, Mayo Clinic, Rochester, Minnesota	06/2013 - Present
Consultant - Division of Musculoskeletal Radiology, Department of Radiology, Mayo Clinic, Rochester, Minnesota	06/2013 - Present
Medical Director - Office of Supply Chain Management, Mayo Clinic	04/2015 - Present

3. Education

University of Minnesota - BA, Hebrew Language and Literature	1973 - 1978
University of Minnesota - BS, Secondary Education with Elementary Endorsement	1983 - 1984
University of Minnesota - MD	1989 - 1993
University of Minnesota - Resident, Diagnostic Radiology	1993 - 1997
Mayo Clinic in Rochester - Fellow, Musculoskeletal Radiology	1997 - 1998

4. Certifications

Board Certifications

American Board of Radiology

Diagnostic Radiology 1997 - Present

National Board of Medical Examiners (NBME)

Diplomate 1994 - Present

Mayo Clinic Quality Academy

Mayo Clinic Quality Fellow: Bronze Level Certification 07/2011

Mayo Clinic Quality Fellow: Silver Level Certification 02/2012

5. Licensure

Minnesota	39537 (Medical)	03/1997 - 05/2015
Florida	ME0074977 (Medical)	01/1998 - 01/2017
Georgia	70850 (Medical)	10/2013 - 05/2015
Iowa	MD-41446 (Medical)	11/2013 - 05/2015
Wisconsin	61812-20 (Medical)	01/2014 - 10/2015
Arizona	48387 (Medical)	03/2014 - 05/2015

6. Honors/Awards

National Merit Scholar - University of Minnesota	01/1975
BA Cum Laude - University of Minnesota	01/1978
I.S. Joseph Scholarship for Community Service	01/1983
Phi Beta Kappa, Alpha Chapter - University of Minnesota	01/1984
David F. Reese Award - Minnesota Radiological Society	01/1995
Chief Resident in Radiology - University of Minnesota	07/1996 - 06/1997
Excellence in Design Award for Education Exhibit (Farrell MA, Wittenberg KH, Amrami KK, Collins MS, Kavros SJ, Wenger DE) - 86th Annual Meeting of the Radiological Society of North America	11/2000
Excellence in Teaching Recognition - Mayo Medical School, Mayo Clinic College of Medicine	01/2004 - 01/2005
Carman Award - Citizenship Award	09/2004
Corrinne Farrell Award for Best Scientific Paper (Spinner RJ, Scheithauer BW, Desy NM, Rock MG, Holdt FC, Amrami KK) - International Skeletal Society and Skeletal Radiology	01/2006
Blue Box Award - Anatomic compartments of the foot: A 3-Tesla magnetic resonance imaging study. Reach JS, Amrami KK, Felmlee JP, Stanley DW, Alcorn JM, Turner NS, Carmichael SW - American Association of Clinical Anatomists	01/2007
2007 RSNA Trainee Research Prize - Diagnostic Comparison of 1.5T and 3T Preoperative MRI of the Wrist in Patients with Ulnar Sided Wrist Pain -Anderson, Felmlee, Berger, Amrami - Radiological Society of North America	11/2007
Best Paper by non-member "Chronic exertional compartment syndrome of the lower extremities: improved screening using a novel dual birdcage coil and in-scanner exercise protocol" Litwiller - Skeletal Radiology	12/2007
First Place Clinical Oral Poster (Stanley DW, Williams SL, Amrami KK, Nagata S, Wood M) - SMRT Annual Meeting	05/2008
Top Doctor - US News and World Reports/Castle Connolly	01/2010 - Present
2012 NASCI Poster Competition - MR Division - North American Society for Cardiovascular Imaging, Reston, Virginia	10/2012
Blood Pool Dynamic Contrast-Enhanced MRA of Popliteal Vascular Compression	
Certificate of Merit, Education Exhibit; "MR Imaging Findings of the Superficial Soft Tissue Masses of the Extremities: Correlation with Histopathologic Features". - Radiological Society of North America	12/2013 - 12/2013
Blue Box Award - University of Kentucky College of Medicine, Lexington, Kentucky	03/2014
CT and MR Arthrograms Demonstrate a Consistent Communication Between the Tibiofemoral and Superior Tibiofibular Joints paper	
Fellowship - International Society of Magnetic Resonance in Medicine, Denver, Colorado	05/2014
Fellowship - Society of Computed Body Tomography & Magnetic Resonance	05/2014

7. Military Service

8. Previous Professional Positions and Major Appointments

Assistant Professor of Radiology - University of Minnesota Medical School, Twin Cities, Minnesota	1998 - 2006
Adjunct faculty, unpaid.	
Associate Consultant - Diagnostic Radiology, Park Nicollet Medical Center, Twin Cities, Minnesota	1998

Senior Associate Consultant - Department of Radiology, Mayo Clinic, Rochester, Minnesota	10/1998 - 10/2001
Instructor of Radiology - Mayo Clinic College of Medicine	04/1999 - 10/2002
Teaching/Examining Privileges in Biomedical Engineering - Mayo Graduate School, Mayo Clinic College of Medicine	08/2002 - 09/2004
Assistant Professor of Radiology - Mayo Clinic College of Medicine	10/2002 - 06/2006
Chair - Division of Body Magnetic Resonance Imaging, Department of Radiology, Mayo Clinic, Rochester, Minnesota	05/2003 - 01/2013
Associate Professor of Radiology - Mayo Clinic College of Medicine	07/2006 - 12/2008
Master's Faculty Privileges in Clinical Research - Mayo Graduate School, Mayo Clinic College of Medicine	10/2006 - 06/2007

9. Professional & Community Memberships, Societies and Services

Professional Memberships & Services

International Skeletal Society

Full Member

Member

09/2005 -
Present

American Roentgen Ray Society

Member

07/1993 -
12/2006

Radiological Society of North America

Member

04/1997 -
Present

American College of Radiology

Member

06/1999 -
Present

Councilor

01/2000 -
01/2004

Alternate Councilor

01/2004 -
01/2008

Committee on Residency Training in Diagnostic Radiology

Member

09/2001 -
08/2004

Standards Committee

Member, United States of America

10/2011 -
10/2012

Minnesota Radiological Society

Executive Committee

Member

01/2000 -
01/2008

Spring and Summer Meeting Planning Committee

Member

01/2000 -
01/2001

Activities Division

Economic/Political Committee

Chair

01/2004 -
01/2007

Legislative Subcommittee	
Chair	01/2004 - 12/2008
Medicare Carrier Advisory Committee	
Diagnostic Radiology Representative	05/2007 - 12/2008
Administrative Division	
Education/Human Resources	
Meetings Subcommittee	
Member	01/2004 - 12/2008
Rad Tech Liaison Subcommittee	
Member	01/2004 - Present
Resources Division	
Body System Resource Committee	
Breast Imaging Subcommittee	
Member	01/2004 - 12/2008
Society of Skeletal Radiology	
Member	07/2000 - Present
International Society for Magnetic Resonance in Medicine	
Member	02/2001 - Present
Safety Committee	
Member	04/2002 - 05/2005
Education Committee	
Member	01/2004 - 01/2007
Musculoskeletal Programs	
Coordinator	01/2005 - 01/2008
Annual Meeting Program Committee	
Member	01/2005 - 01/2007
Young Investigator Awards Committee	
Member	04/2010 - Present
Sub-committee on Financial Support	
Member	2013 - 2015
International Cartilage Repair Society	
Member	08/2002 - 12/2004
National Institutes of Health	

Medical Imaging (MEDI) Study Section	
Ad Hoc Reviewer	08/2004 - Present
Clinical Molecular Imaging and Probe Development Study Section (CMIP)	
Ad Hoc Reviewer	01/2009 - Present
Quick Trials Study Section	
Reviewer	01/2009 - 01/2011
Chair	01/2010 - 01/2011
Division of Translational and Clinical Sciences	
Imaging Study Section	
Member	01/2011 - Present
International Wrist Investigators Workshop	
Member	09/2004 - Present
Food and Drug Administration	
Orthopaedic and Rehabilitation Devices Panel	
Medical Devices Advisory Committee	
Center for Devices and Radiological Health	
Consultant	06/2013 - Present
Special Government Employee	
Society of Computed Body Tomography & Magnetic Resonance	
Educational Program Committee	
Fellow	2014 - Present
Journal Editorial Responsibilities	
Yearbook of Hand Surgery	
Contributing Editor	01/2002 - 01/2006
Journal of the American Society for Surgery of the Hand	
Contributing Editor	01/2005 - 01/2007
Yearbook of Rheumatology	
Contributing Editor	01/2005 - 01/2007
Journal of Hand Surgery	
Associate Editor	01/2007 - 01/2011
Skeletal Radiology	
Editorial Board	
Board Member	06/2011 - Present
Journal Other Responsibilities	

Journal of Magnetic Resonance Imaging	
Reviewer	01/2002 - Present
Magnetic Resonance in Medicine	
Reviewer	01/2002 - Present
Journal of Hand Surgery	
Reviewer	01/2005 - Present
Skeletal Radiology	
Reviewer	01/2005 - Present
Distinguished Reviewer	2013
Neurology	
Reviewer	01/2007 - Present
American Journal of Roentgenology	
Peer Reviewer	09/2008 - Present

10. Educational Activities

A. Curriculum/Course Development

Skeletal Section Annual Radiology In-Training Examination Author American College of Radiology	1999 - 2001
Mayo Medical School Course Musculoskeletal council Department of Radiology Rochester, Minnesota	1999 - 2009
Radiology Didactic Course, Musculoskeletal Section Mayo Medical School Rochester, Minnesota	1999 - 2011
Annual Refresher Courses Minnesota Radiological Society Minneapolis, Minnesota	2000 - Present
Advanced Body MRI Director Categorical course for ISMRM 2005	2004 - 2005
Breast MRI Co-Director Categorical course for ISMRM 2005	2004 - 2005
Musculoskeletal Imaging Director Categorical course for ISMRM 2006-2008 (Seattle, WA; Berlin, Germany; Toronto, Canada)	2005 - 2008
Musculoskeletal Programs Educational Coordinator ISMRM 2005-2007 Seattle, Washington	2005 - 2007

B. Teaching Intramural

MRI of Peripheral Nerves with Case Review MSK Core Mayo Clinic College of Medicine	
Vascular Rings and Slings Department of Radiology Grand Rounds University of Minnesota Minneapolis, Minnesota	01/1995
Fracture Eponyms Department of Radiology Grand Rounds University of Minnesota Minneapolis, Minnesota	09/1995
Sacroilitis Department of Radiology Grand Rounds University of Minnesota Minneapolis, Minnesota	12/1995
General Technologist Film Review in Diagnostic Radiology Monthly Presenter Mayo Clinic College of Medicine Rochester, Minnesota	01/1998 - 01/2003
Staff Lecture Series in Diagnostic Radiology Mayo Graduate School of Medicine Rochester, Minnesota	01/1998 - Present
Diagnostic Radiology Course Instructor Mayo Medical School Rochester, Minnesota	1999 - Present
Approach to Bone Films "the ABC's" Mayo Medical School Radiology Course Rochester, Minnesota	04/1999
Approach to Bone Films "the ABC's" Mayo Medical School Radiology Course Rochester, Minnesota	07/1999
Resident Lecture Resident Lecture Minnesota Veterans Administration Hospital Minneapolis, Minnesota	05/2000
Approach to Bone Films "the ABC's" Mayo Medical School Radiology Course Rochester, Minnesota	07/2000
Image Guided Breast Intervention Mayo Clinic Advances in Diagnostic Radiology and Advanced Radiology Life Support Fort Meyers, Florida	11/2000
Imaging of Articular Cartilage: State-of-the Art Techniques and Practical Applications Mayo Clinic Advances in Diagnostic Radiology and Advanced Radiology Life Support Fort Meyers, Florida	11/2000

Imaging Articular Cartilage Department of Rheumatology Clinical Conference Mayo Graduate School of Medicine Rochester, Minnesota	02/2001
Cartilage Imaging in the New Millennium 61st Annual International Meeting of the Mayo Medical Alumni Association Atlanta, Georgia	04/2001
Radiology of Metastatic Bone Disease 61st Annual International Meeting of the Mayo Medical Alumni Association Atlanta, Georgia	04/2001
Approach to Bone Films "the ABC's" Mayo Medical School Radiology Course Rochester, Minnesota	04/2001
Approach to Bone Films "the ABC's" Mayo Medical School Radiology Course Rochester, Minnesota	07/2001
Imaging of the Wrist Department of Emergency Medicine, resident lecture series in Emergency Medicine Mayo Graduate School of Medicine Rochester, Minnesota	03/2002
Approach to Bone Films "the ABC's" Mayo Medical School Radiology Course Rochester, Minnesota	04/2002
Approach to Bone Films "the ABC's" Mayo Medical School Radiology Course Rochester, Minnesota	04/2002
Show and Tell Department of Rheumatology, morning lecture series in Rheumatology Mayo Graduate School of Medicine Rochester, Minnesota	09/2002
Musculoskeletal Imaging at 3.0T Department of Radiology, resident lecture series in Radiology Mayo Graduate School of Medicine Rochester, Minnesota	12/2002
Inservice Exam Review Department of Radiology, resident noon exam review in Radiology Mayo Graduate School of Medicine Rochester, Minnesota	03/2003
Imaging Algorithm for Suspected Scaphoid Fractures Hand Conference Mayo Graduate School of Medicine Rochester, Minnesota	05/2003
Approach to Bone Films "the ABC's" Mayo Medical School Radiology Course Rochester, Minnesota	06/2003
Non-neuro imaging at 3T Department of Radiology, resident noon conference in Radiology Mayo Graduate School of Medicine Rochester, Minnesota	11/2003

Ulnar Wrist Pain Differential Diagnosis, Imaging Department of Orthopedic Surgery Mayo Clinic College of Medicine Scottsdale, Arizona	04/2004
Approach to Bone Films "the ABC's" Mayo Medical School Radiology Course Rochester, Minnesota	06/2004
Chronic Exertional Compartment Syndrome of Lower Extremities: Quantative Evaluation with MRI Department of Sports Medicine Mayo Clinic Rochester, Minnesota	07/2004
Inflammatory Myositis - The Use of MRI in Diagnostic/Management Selected Topics in Rheumatology Mayo Clinic College of Medicine Santa Ana Pueblo, New Mexico	08/2004
Magnetic Resonance Imaging in Rheumatology: Current & Future Applications Selected Topics in Rheumatology: Radiology Workshop Mayo Clinic College of Medicine Santa Ana Pueblo, New Mexico	08/2004
Panel Discussion, Myopathies Selected Topics in Rheumatology Mayo Clinic College of Medicine Santa Ana Pueblo, New Mexico	08/2004
Wrist Imaging for Hand Surgeons Hand Conference Mayo Graduate School of Medicine Rochester, Minnesota	12/2004
Rheumatology Friday Morning Conference Rheumatology Conference Mayo Clinic College of Medicine Rochester, Minnesota	01/2005
An unusual case of ulnar neuropathy: the pathology and radiology of focal nerve enlargement Peripheral Nerve Conference Mayo Clinic College of Medicine Rochester, Minnesota	02/2005
Rheumatology Conference Rheumatology Conference Mayo Clinic College of Medicine Rochester, Minnesota	04/2005
Approach to Bone Films "the ABC's" Mayo Medical School Radiology Course Rochester, Minnesota	06/2005
MR Shoulder Arthrography for Glenoid Labral Tears in 64 Patients with Arthroscopic/Open Surgery Correlation: Mayo Experience 2001-2002 Radiology Research Night Mayo Clinic College of Medicine Rochester, Minnesota	01/2006

MR Imaging of Peripheral Nerves Radiology Medical Students, Residents, and Fellows Mayo Clinic College of Medicine Rochester, Minnesota	02/2006
UT Split Tear Imaging Orthopedic Grand Rounds Mayo Clinic College of Medicine Rochester, Minnesota	02/2006
Approach to Bone Films "the ABC's" Mayo Medical School Radiology Course Rochester, Minnesota	04/2006
MSK In-service Conference Radiology Medical Students, Residents, and Fellows Mayo Clinic College of Medicine Rochester, Minnesota	05/2006
Rheumatology Friday Morning Conference Rheumatology Conference Mayo Clinic College of Medicine Rochester, Minnesota	06/2006
Approach to Bone Films "the ABC's" Mayo Medical School Radiology Course Rochester, Minnesota	08/2006
Rheumatology Friday Morning Conference Rheumatology Conference Mayo Clinic College of Medicine Rochester, Minnesota	03/2007
Body MRI Advanced Development Unit Radiology noon conference Mayo Clinic College of Medicine Rochester, Minnesota	08/2007
Perineurioma Grand Rounds Department of Neurology Mayo Clinic College of Medicine Rochester, Minnesota	08/2007
Rheumatology Friday Morning Conference Rheumatology Conference Mayo Clinic College of Medicine Rochester, Minnesota	10/2007
Musculoskeletal Imaging at 3T MRI Department Mayo Clinic College of Medicine Rochester, Minnesota	12/2007
Image Critique and Review Radiology Inservice to X-ray Techs Mayo Clinic College of Medicine Rochester, Minnesota	01/2008
Rheumatology Friday Morning Conference Rheumatology Conference Mayo Clinic College of Medicine Rochester, Minnesota	03/2008

MRI of Peripheral Nerves Peripheral Nerve Lab Mayo Clinic College of Medicine Rochester, Minnesota	08/2008
Rheumatology Friday Morning Conference Rheumatology Conference Mayo Clinic College of Medicine Rochester, Minnesota	08/2008
MRI Peripheral nerve MSK CORE Lecture Mayo Clinic College of Medicine Rochester, Minnesota	10/2008
MSK Core - MRI of Peripheral Nerves with Case Review Mayo Clinic College of Medicine Rochester, Minnesota	08/2009
Radiology of the Sacroiliac Joint Rheumatology Update Course Mayo Clinic College of Medicine Rochester, Minnesota	08/2009
MRI of Peripheral Nerves In-service Education for Technologists Mayo Clinic College of Medicine Rochester, Minnesota	11/2009
Radiology Conference Division of Rheumatology, Friday Afternoon Conference Mayo Clinic College of Medicine Rochester, Minnesota	12/2009
Arthritis - MSK Conference MSK Conference Mayo Clinic College of Medicine Rochester, Minnesota	05/2010
Radiographic Assessment of Suspected Scaphoid Fractures - MSK Conference Mayo Clinic College of Medicine Rochester, Minnesota	11/2010
MR Imaging of the Hand and Wrist in Athletes Mayo Clinic College of Medicine Rochester, Minnesota	05/2011
My Technique on Reading Wrist MRI - New Fellow & Consultant Talk Mayo Clinic College of Medicine Rochester, Minnesota	10/2011
MSK Core - "Arthritis" Mayo Clinic College of Medicine Rochester, Minnesota	01/2012
MSK Core-Peripheral Nerve Imaging Mayo Clinic College of Medicine Rochester, Minnesota	04/2012
Radiology Conference: MSK Core; Arthritis Mayo Clinic College of Medicine Rochester, Minnesota	05/2014

C. Mentorship

Individual and Position	Timeframe & Description	Outcomes	Current Status
Baraga, Joseph P Radiology Fellow	01/1999 - 01/2000 Reviewed Mayo Clinic experience with Ewing Sarcoma of the small bones.	Presented: Baraga JJ, Amrami KK, Swee RG, Wold L, Unni KK. Radiographic features of Ewing's sarcoma of the bones of the hands and feet. Society of Skeletal Radiology 3/2000. Published: Baraga JJ, Amrami KK, Swee RG, Wold L, Unni KK. Radiographic features of Ewing's sarcoma of the bones of the hands and feet. Skeletal Radiol 2001 Mar; 30(3):121-6.	
Lostetter, Steven J Radiology Fellow	01/1999 - 01/2000 Reviewed Mayo Clinic experience with chondroblastoma of the small bones.	Lostetter SJ, Amrami KK, Adkins MC, Khurana JS, Unni KK. Chondroblastoma of the Small Bones. Society of Skeletal Radiology 3/2000.	
Davila, Jesse Radiology Resident	01/2000 - Present	Reviewed Mayo Clinic experience with chondroblastoma of the hands and feet. Poster presentation at RSNA 11/2001. Published: Davila JA, Amrami KK, Adkins MC, Khurana JS, Unni KK. Chondroblastoma of the hands and feet. J Investig Med 2002 Mar; 50(2):156A. Davila JA, Amrami KK, Sundaram M, Adkins MC, Unni KK. Chondroblastoma of the hands and feet. Skeletal Radiol 2004 Oct; 33(10):582-7.	
Eckel, Lawrence Radiology Resident	01/2000 - 01/2005 Seminar Project: Reviewing Mayo Clinic experience with CT-guided bone biopsies.	Presented: *Eckel LJ, Amrami KK, Wenger DE, Adkins MC. "Utility of CT Guided Bone Biopsy in the Diagnosis of Primary and Secondary Neoplasms of Bone". 88th Scientific Assembly and Annual Meeting of Radiologic Society of North America, Chicago, IL, December 1 – 6, 2002.	

Lopez, Orlando Doctoral Student	01/2001 - 01/2007 Thesis Committee. Biomedical Engineering, Mayo Graduate School.	Published: *Lopez O, Amrami KK, Rossman P, Ehman RL. Using Magnetic Resonance Elastography to Assess the Dynamic Mechanical Properties of Cartilage. Medical Imaging 2004: Physiology, Function, and Structure from Medical Images (SPIE) 2004 Feb; 4(23):51-61.Lopez O, Amrami KK, Manduca A, Rossman PJ, Ehman RL. Developments in dynamic MR elastography for in vitro biomechanical assessment of hyanline cartilage under high-frequency cyclical shear. J Magn Reson Imag 2007 Feb;25(2):310-20.Lopez O, Amra	Ph.D. in June 2007 Post-doctoral fellowship, National Institutes of Health 2007-2009.
Bartholmai, Brian J Radiology Fellow	06/2001 - 06/2002	Published: Amrami KK, Sperling JW, Bartholmai BJ, Sundaram M. Radiologic case study - Glenolabral articular disruption (GLAD) lesion. Orthopedics 2002 Jan; 25(1):29, 95-6.	
Litwiller, Daniel V Doctoral Student	01/2002 - Present Thesis Committee. Biomedical Engineering, Mayo Graduate School	Presented: Litwiller DV, Amrami KK, Felmlee JP. Chronic Exertional Compartment Syndrome: Dual Birdcage Coil for Improved Screening with MRI. ISMRM 2005 Miami FL.Best Paper Award from Skeletal Radiology December 2007. Chronic exertional compartment syndrome of the lower extremities: improved screening using a novel dual birdcage coil and in-scanner exercise protocol. E-pub 2007 Aug.	

Askari, Sharone Medical Student	01/2002	Published: Amrami KK, Askari KS, Pagnano MW, Sundaram M. Radiologic Case Study - Abrasion chondroplasty mimicking avascular necrosis. Orthopedics 2002 Oct; 25(10):1018, 1107-8.	
Savcenko, Vladimir Radiology Resident	01/2002	Published: Amrami KK, Savcenko V, Dahm DL, Sundaram M. Radiologic case study. Orthopedics 2002 Jul; 25(7):720,799-780.	
Jones, Thomas P Radiology Fellow	06/2002 - 06/2003	Published: Jones TP, Beckenbaugh JP, Sperling JW, Amrami KK, Sundaram M. Radiologic case study - Posterior shoulder dislocation. Orthopedics 2003 Jul; 26(7):682, 745-6. Presented: Jones TP, Beckenbaugh JP, Sperling JW, Amrami KK, Sundaram M. Radiologic case study - Posterior shoulder dislocation. Society of Skeletal Radiology 3/2003.	
Kim, David K Radiology Resident	06/2002 - 01/2007 Advisee	Presented: Brandt KR, Kim DR, Amrami KK, Maier CF, Felmlee JP, Stanley DW. Breast MRI: Bilateral Simultaneous High Resolution Sagittal Imaging Educationl Exhibit. RSNA 11/2004	
Misselt, Andrew Medical Student	01/2003		Visiting Medical Student
Schmidt, Jill E Summer Student	01/2003 - 01/2005 Motion Lab	Published: Schmidt JE, Amrami KK, Manduca A, Kaufman KR. Semi-automated digital image analysis of joint space width in knee radiographs. Skeletal Radiology 2005 Oct; 34(10):639-43. E-pub ahead of print. Presented: Schmidt JE, Amrami KK, Manduca A, Kaufman KR. Semi-automated	

		digital image analysis of joint space width in knee radiographs. Society of Skeletal Radiology 3/2005.Schmidt JE, Amrami KK, Manduca A, Kaufman KR. Semi-automated digital image analysis of joint space width in knee radiog
Maxfield, Adam S Radiology Resident	01/2003 - 01/2007 Seminar project.	Presentation: Maxfield AS, Amrami KK, Sperling JW. MR Shoulder Arthrography for Glenoid Labral Tears in 64 Patients with Arthroscopic/Open Surgical Correlation. ARRS Orlando, FL May 2007.
Agnesi, Filippo Visiting Graduate Student	01/2004 - 01/2005 Mayo Graduate School '05	Presented: Agnesi F, Amrami KK, Hughes CA, Kaufman KR. Comparison of Cartilage Thickness and Radiologic Grade of Tibiofemoral Osteoarthritis. Orthopaedic Research Society Annual Meeting, Washington DC, Feb 2005; Vol. 30. Poster.Publication: Semiautomated digital analysis of knee joint space width using MR images. Skeletal Radiology May 2007; 36(5):437-44 (epub Jan 2007).Agnesi F, Amrami KK, Frigo CA, Kaufman KR. Comparison of Cartilage Thickness with Radiologic Grade of Knee Osteoarthritis.
Grochowski, Sarah J Summer Student	01/2004 - 01/2006 Motion Lab	Published: Grochowski SJ, Amrami KK, Kaufmann KR. Semi-automated digital image analysis of patellofemoral joint space width from lateral knee radiographs. Skeletal Radiology 2005 Oct;34(10):644-8. E-pub 2005 July.

Koff, Matthew F
Postdoctoral Fellow

01/2004 - 01/2007

Presenting: Koff MF, Amrami KK, Kaufman KR. T2 Values of in-vivo Human Patellar Cartilage in Osteoarthritis. International Cartilage Repair Society 1/2006. Poster Koff MF, Amrami KK, Kaufman KR. T2 Values of Patellar Cartilage in Patients with Osteoarthritis. International Society of Biomechanics 20th Congress. July 31, 2005. Koff MF, Amrami KK, Kaufman KR. T2 Values of Patellar Cartilage in Patients with Osteoarthritis. Orthopedic Research Society 3/2006. Koff MF, Amrami KK, Kaufman KR. T2 Valu

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Summers, Helena L
Radiology Resident

06/2006 - Present

Abstract: Summers HL, Amrami KK, Spinner RJ. Metastatic Breast Cancer Recurrence to the Brachial Plexus - MRI Imaging Characteristics. American Society for Peripheral Nerve. Presented: Summers HG, Spinner RJ, Nathan M, Anderson M, Felmler JP, Amrami KK. Metastatic or Recurrent Breast Cancer to the Brachial Plexus: MR Imaging Characteristics with PET & Clinical Correlation. ISMRM 2008.

Anderson, Meredith L Radiology Resident	07/2006 - Present	Presentation: Anderson ML, Larson A, Utter PA, Larson DR, Berger RA, Moran SL, Cooney WP, Amrami KK. Magnetic Resonance Imaging Comparison of Arthroscopic and Open Repair of Triangular Fibrocartilage Complex Tears of the Wrist. ISMRM2007. Anderson ML, Felmlee JP, Berger RA, Amrami KK. Diagnostic Comparison of 1.5T and 3.0T Preoperative MRI of the Wrist in Patients with Ulnar Sided Wrist Pain. 2007 RSNA Trainee Research Prize. Anderson ML, Larson AN, Skinner RJ, Berger RA, Amrami KK. Qualifica
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Nagata, Shuji Visiting Clinician	12/2007 - Present 1st Place Clinical Focus Award at ISMRM - Stanley DW, Williams SL, Amrami KK, Wood M, Nagata S. Feasibility of MTC Subtraction Imaging of the Knee at 3T. Nagata S, Amrami KK, Robert SK, Laack NN, Inwards C, Wenger DE. Chondroid Lesions. Journal of the ISS. 2009. Nagata S, Amrami KK, Stanley D, Wood M, Felmlee JP, Uchida M. Magnetization Transfer Ratio of the Patellar Articular Cartilage at 3T: Correlation with Clinical Findings and BMI. Radiological Society of North America. 2009. Nagata S, Stanley DW, Williams SL, Wood MM, Felmlee JP, Nishimura H, Hayabuchi N, Amrami KK. Feasibility of Magnetization Transfer Ratio of the Patellar Articular Cartilage at 3T. International Society for
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Magnetic Resonance in Medicine. 2009. Nagata S, Stanley DW, Williams SL, Wood MM, HONG sJ, Felmlee JP, Amrami KK. Assessment of Magnetization Transfer Ratio, Diffusion Weighted Image, and T2-Weighted Image in Human Median Nerve at 3T: Comparison with Carpal Tunnel Syndrome. International Society for Magnetic Resonance in Medicine. 2009.

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Hong, Suk Joo
Visiting Clinician

01/2008 - 01/2009
Suk-Joo H, Stanley D, Felmlee J, Lanners D, Nagata S, Amrami K. Quantitative and Qualitative Comparison of 3 Wrist Coils at 3T. RSNA 2008.

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D. Academic Career Development

Professional Development Seminar for Junior Women Faculty
Association of American Medical Colleges
Savannah, Georgia

12/2000

Career and Leadership Development (CALD) Programs - All Staff Leadership Program (Diversity) Mayo Clinic College of Medicine Rochester, Minnesota	01/2002
Career and Leadership Development (CALD) Programs - All Staff Leadership II Mayo Clinic College of Medicine Rochester, Minnesota	02/2003
Career and Leadership Development (CALD) Programs - Finance at Mayo: A Primer for Physician/Scientist Leadership Mayo Clinic College of Medicine Rochester, Minnesota	02/2004
Career and Leadership Development (CALD) Programs - Chairs and Executive Team Mayo Clinic College of Medicine Rochester, Minnesota	10/2006
Career and Leadership Development (CALD) Programs - Module II, Crucial Conversations Mayo Clinic College of Medicine Rochester, Minnesota	12/2007
Leadership Education and Development (LEAD) Programs Mayo Clinic College of Medicine Rochester, Minnesota	2009 - 2010
Career and Leadership Development (CALD) Programs - All Staff Leadership Mayo Clinic College of Medicine Rochester, Minnesota	04/2009

11. Institutional/Departmental Administrative Responsibilities, Committee Memberships and Other Activities

Mayo Clinic

Mayo Clinic Quality Academy Curriculum Committee Member, Rochester, Minnesota	
Mayo Clinic Committees Institutional Review Board Member	01/2002 - 01/2005
Medical-Industry Relations Committee Member	01/2007 - 01/2011
Mayo Clinic Clinical Practice Committee Practice Convergence Council Mayo Clinic Health Information Coordinating Subcommittee Member	2010 - Present
Mayo Clinic Hand Club Member, Rochester, Minnesota	01/2006 - Present
Department of Education Administration Mayo Clinic College of Medicine	

Mayo Clinic Alumni Association
 Carmen Society
 Member, Rochester, Minnesota

01/2010 -
 Present

Mayo Clinic in Rochester

Department of Radiology

Monthly Multidisciplinary Breast Conference

Member

01/1997 -
 01/2003

Coordinator

01/1999 -
 01/2003

Mammography

Member

01/1997 -
 Present

Interventional Breast Practice

Coordinator

01/1999 -
 01/2002

MR Imaging Support

Member

01/1997 -
 Present

MRI Safety Committee

Member

01/1999 -
 Present

Body MRI Efficiency Task Force

Member

01/1999 -
 01/2001

Musculoskeletal CT Task Force

Member

01/1999 -
 01/2001

Medical Student Committee

Member

01/1999 -
 01/2008

Staff Development Committee

Member

01/2000 -
 01/2001

Body MRI Continuous Improvement Group

Chair

01/2001 -
 01/2004

Member

01/2001 -
 01/2004

MRI Safety Executive Work Group

Member

01/2001 -
 01/2004

Education Committee

Member

01/2001 -
 01/2005

Residency Selection Committee	
Member	01/2001 - 01/2003
Research Committee	
Member	01/2002 - Present
Division of Body Magnetic Resonance Imaging	
Member	05/2003 - Present
Advanced Development Unit Steering Committee	
Member	06/2007 - Present
Academic Promotions Committee	
Member	2015 - Present
Mayo Clinic Rochester Committees	
Clinical Practice Committee - Rochester	
Health Information Coordinating Subcommittee - Rochester	
Member	01/2005 - Present
Health Information Policy and Compliance Oversight Group	
Member	01/2005 - Present
Chair	01/2007 - Present
Health Information Policy and Compliance Oversight Executive Group	
Chair	01/2008 - Present
Member	01/2008 - Present
Spirituality in Healthcare Committee	
Member	01/2006 - 12/2007
Clinical Documentation and Results Oversight Group	
Member, Rochester, Minnesota	2007 - Present
Women's Health Executive Subcommittee	
Member	01/2007 - 01/2011
Equipment Subcommittee	
Member, Rochester, Minnesota	01/2013 - Present
Information Technology Committee - Rochester	
Information Technology Application Prioritization Review Subcommittee	
Member	01/2006 - 01/2010

12. Presentations Extramural

National/International**Invited**

Imaging: The DRUJ Mayo Clinic Disorders of the Wrist	
Imaging of Articular Cartilage: State-of-the Art Techniques and Practical Applications Advances in Diagnostic Radiology and Advanced Radiology Life Support Fort Myers, Florida	11/2000
Image Guided Breast Intervention Advances in Diagnostic Radiology and Advanced Radiology Life Support Fort Myers, Florida	11/2000
Imaging of the Wrist Disorders of the Wrist Course American Society for Surgery of the Hand Rochester, Minnesota	04/2001
Cartilage Imaging in the New millennium Annual International Meeting of Mayo Medical Alumni Association Atlanta, Georgia	04/2001
Radiology of Metastatic Bone Disease Annual International Meeting of Mayo Medical Alumni Association Atlanta, Georgia	04/2001
BI-RADS 4 and 5 Lesions - Diagnosis and Intervention Advances in Diagnostic Radiology Palm Springs, California	10/2001 - 11/2001
Musculoskeletal CT Advances in Diagnostic Radiology Palm Springs, California	10/2001 - 11/2001
Imaging Articular Cartilage Advances in Diagnostic Radiology Palm Springs, California	10/2001 - 11/2001
Musculoskeletal MRI at 3T Minnesota Society of Radiologic Technologists Fall Educational Conference and Annual Meeting Hinckley, Minnesota	10/2002
Imaging of the Wrist American Society for Surgery of the Hand Rochester, Minnesota	04/2004
What's New in Wrist Imaging? American Society for Surgery of the Hand Rochester, Minnesota	04/2004
Case Presentation: Ulnar Wrist Pain Differential Diagnosis, Imaging Upper Extremity Trauma Scottsdale, Arizona	04/2004
New Techniques: Hand and Wrist Imaging Amrami KK. American Roentgen Ray Society Miami Beach, Florida	05/2004

Body Imaging at 3T Amrami KK. International Society for Magnetic Resonance in Medicine Kyoto, Japan	05/2004
Musculoskeletal Imaging Study Group: 3T of the Wrist Amrami KK. International Society for Magnetic Resonance in Medicine Kyoto, Japan	05/2004
Dynamic MR Elastography of Cartilage Degradation Lopez O, Amrami KK, Rossman PJ, Ehman RL. International Society for Magnetic Resonance in Medicine Kyoto, Japan	05/2004
Acute Scapholunate Instability - Radiology Carpal Instability Kienbock's Disease Nottingham, United Kingdom	04/2005
Chronic Scapholunate Instability - Radiology Carpal Instability Kienbock's Disease Nottingham, United Kingdom	04/2005
Midcarpal Instability - Radiological Assessment Carpal Instability Kienbock's Disease Nottingham, United Kingdom	04/2005
Ulnocarpal Instability - Radiological Assessment Carpal Instability Kienbock's Disease Nottingham, United Kingdom	04/2005
Kienbock's Disease Carpal Instability Kienbock's Disease Nottingham, United Kingdom	04/2005
MRI of the Wrist and Hand International Society for Magnetic Resonance in Medicine Miami Beach, Florida	05/2005
Meet the Challenges: Latest and Greatest Body Imaging at 3T Ehman RL and Amrami KK. International Society for Magnetic Resonance in Medicine Miami Beach, Florida	05/2005
Chronic Exertional Compartment Syndrome of the Lower Extremities: Screening with MRI Using a Novel Dual Birdcage Coil and In-Scanner Exercise Protocol. Litwiller DV, Amrami KK, Felmlee JP. International Society for Magnetic Resonance in Medicine. Miami Beach, Florida	05/2005
Novel MR Clinical Applications in the Musculoskeletal System International Society of Magnetic Resonance in Medicine Seattle, Washington	05/2006
3T Musculoskeletal Imaging 3T MRI: Why and What You Need to Know Orlando, Florida	03/2007
Hand and Wrist at 3T 3T MRI: Why and What You Need to Know Orlando, Florida	03/2007

Imaging of the Upper Extremity American Roentgen Ray Society Orlando, Florida	05/2007
Radiological Diagnosis: The Validity of MRI and MR Arthrography Disorders of the Wrist Rochester, Minnesota	05/2007
Radiologic Diagnosis Disorders of the Wrist Rochester, Minnesota	05/2007
Radiologic Diagnosis: Acute and Chronic Injury, Plus Impaction Disorders of the Wrist Rochester, Minnesota	05/2007
Radiographic Assessment Disorders of the Wrist Rochester, Minnesota	05/2007
Imaging: CT, Dynamic CT, and MRI Disorders of the Wrist Rochester, Minnesota	05/2007
Imaging the Ulnar Wrist - Modern Concepts American Society for Surgery of the Hand Seattle, Washington	09/2007
Small Joint Imaging at 3.0 T Amrami KK Radiological Society of North America Chicago, Illinois	11/2007
MRI of Peripheral Nerves Amrami KK International Society for Magnetic Resonance in Medicine Toronto, Ontario, Canada	05/2008
MRI of Peripheral Nerves Amrami KK The Sunderland Society Meeting Rochester, Minnesota	08/2008
Small Joint Imaging at 3.0 T RSNA 2008 Chicago, Illinois	12/2008
3T MSK - An Overview Vail 2009: Musculoskeletal MRI Vail, Colorado	02/2009
3T MSK of the Hand and Wrist Vail 2009: Musculoskeletal MRI Vail, Colorado	02/2009
MRI of the Hand and Wrist International Society for Magnetic Resonance in Medicine Honolulu, Hawaii	04/2009
RFA: Biomechanics International Society for Magnetic Resonance in Medicine Honolulu, Hawaii	04/2009

Wrist Instability: Clinical Abnormalities not Detectable on MR Images International Society for Magnetic Resonance in Medicine Honolulu, Hawaii	04/2009
Intrinsic Ligaments International Society for Magnetic Resonance in Medicine Stockholm, Sweden	05/2010
Radiology of the Sacroiliac Joint Selected Topics in Rheumatology Rochester, Minnesota	05/2010
Radiology in Diagnosis of Radial Sided Wrist Pain. The Validity of MRI and MR Arthrography Mayo Clinic Disorders of the Wrist Rochester, Minnesota	05/2010
Radiographic Assessment Mayo Clinic Disorders of the Wrist Rochester, Minnesota	05/2010
Radiology in Diagnosis of Ulnar Wrist Pain. The Validity of MRI and MR Arthrography. Mayo Clinic Disorders of the Wrist Rochester, Minnesota	05/2010
Imaging: The DRUJ Mayo Clinic Disorders of the Wrist Rochester, Minnesota	05/2010
Radiographic Assessment ASSH - Precourse 9: Th Management of Wrist & Carpal Fractures Boston, Massachusetts	10/2010
MR Evaluation of the Athlete International Society of Magnetic Resonance in Medicine Montreal, Quebec, Canada	05/2011
MRI of Peripheral Nerves Tutorials in Diagnostic Radiology/ARLS Kauai, Hawaii	02/2012
Clinical Abnormalities Not (Usually) Detected on MRI-Wrist and Hand Tutorials in Diagnostic Radiology/ARLS Kauai, Hawaii	02/2012
Arthritis Essentials of Radiology 2012 Rochester, Minnesota	04/2012
Getting the Most Out of Wrist MRI - MRI Bootcamp for Hand Surgeons American Society for Surgery of the Hand Chicago, Illinois	09/2012
Peripheral Nerve Imaging for the Neuroradiologist; Extremity Nerve Imaging American Society of Neuroradiology, 2013 San Diego, California	05/2013
Radiology in the Diagnosis of Radial Sided Wrist Pain. The Validity of MRI and MR Arthrography. Mayo Clinic Disorders of the Wrist Rochester, Minnesota	05/2013

Radiographic Assessment, MRI, CT, Bone Scan Mayo Clinic Disorders of the Wrist Rochester, Minnesota	05/2013
Radiology in Diagnosis of Ulnar Wrist Pain. The Validity of MRI and Can You See the UT Ligament Mayo Clinic Disorders of the Wrist Rochester, Minnesota	05/2013
Simplifying the Diagnosis and Treatment of Scapholunate Injuries Instructional Course Speaker American Association of Hand Surgery Kauai, Hawaii	01/2014
Perineurioma as a Cause of Childhood Neurologic Impairment Fourth Biennial Pediatric Neurosciences Conference; Gillette Children's Specialty Healthcare Minneapolis, Minnesota	05/2014
MRI of Peripheral Nerves I Neuroradiology: Practice to Innovation Marana, Arizona	11/2014
MRI of Peripheral Nerves II Neuroradiology: Practice to Innovation Marana, Arizona	11/2014
Oral	
Chondroblastoma with Secondary Aneurysmal Bone Cyst Amrami KK, Adkins MC, Khurana JS, Unni K. Radiological Society of North America Chicago, Illinois	12/1998
Radiographic Features of Ewing's Sarcoma of the Small Bones of the Hands and Feet Baraga JJ, Amrami KK, Swee RG, Wold L, Unni KK. Society of Skeletal Radiology Scottsdale, Arizona	03/2000
Chondroblastoma of the Small Bones Lostetter SJ, Amrami KK, Adkins MC, Khurana JS, Unni KK. Society of Skeletal Radiology Scottsdale, Arizona	03/2000
Imaging of the Wrist at 3.0T: Preliminary Findings Amrami KK, Kocharian A, Berger RA, Rydberg JN, Bernstein MA, Felmlee JP, et al. Radiologic Society of North America Chicago, Illinois	11/2001
Feasibility Study for High-Resolution Finger Imaging at 3.0T *Kocharian A, Amrami KK, Berger RA, Felmlee JP. Radiologic Society of North America Chicago, Illinois	11/2001
Utility of CT Guided Bone Biopsy in the Diagnosis of Primary and Secondary Neoplasms of Bone *Eckel LJ, Amrami KK, Wenger DE, Adkins MC. Radiologic Society of North America Chicago, Illinois	12/2002

The Effects of Computer-aided Detection (CAD) on a Local/Regional Screening Mammography Program: Prospective Evaluation of 12, 646 Patients Morton MJ, Whaley DH, Brandt KR, Amrami KK. Radiologic Society of North America Chicago, Illinois	12/2002
Posterior Shoulder Dislocation *Jones TP, Amrami KK, Sperling JW. Society of Skeletal Radiology Coronado, California	03/2003
Targeted Fascicular Biopsy of Major Lower Extremity Peripheral Nerves. Spinner RJ, Amrami KK, Dyck RJB. American Association of Clinical Anatomists Graz, Australia	07/2003
Imaging Articular Cartilage at 1.5T Standard and Novel Techniques International Society for Magnetic Resonance in Medicine Toronto, Ontario, Canada	07/2003
Improving Efficiency in MRI by Utilizing non-technologist Personnel International Society for Magnetic Resonance in Medicine Toronto, Ontario, Canada	07/2003
Dynamic Contrast Enhanced Bilateral Breast Technique Stanley D, Amrami KK, Brandt KR. International Society for Magnetic Resonance in Medicine Toronto, Ontario, Canada	07/2003
Dynamic MR Elastography of Cartilage *Lopez O, Amrami KK, Rossman PR, Ehman RL. International Society for Magnetic Resonance in Medicine Toronto, Ontario, Canada	07/2003
Fascicular biopsy of proximal nerves in selected cases with MRI abnormality is diagnostically informative. Dyck PJB, Amrami KK, Spinner RJ, Dlein CJ, Engelstad J, Dyck PJ. Peripheral Nerve Society Banff, Alberta, Canada	07/2003
Chondroblastoma of the hands and feet International Skeletal Society San Francisco, California	09/2003
Quantative Assessment of Capsular Expansion in Shoulders with Instability Minagawa H, Amrami KK, Sperling JW, Itoil E, An KN. Japan Shoulder Society Maebashi, Japan	09/2003
Targeted Fascicular Biopsy of Major Lower Extremity Peripheral Nerves. Spinner RJ, Amrami KK, Dyck PJB Congress of Neurological Surgeons Denver, Colorado	10/2003
Quantitative Assessment of Capsular Expansion in Shoulders with Instability Minagawa H, Amrami KK, Sperling JW, Itoil E, An KN. Radiologic Society of North America Chicago, Illinois	11/2003 - 12/2003
Targeted Fascicular Biopsy of Major Lower Extremity Peripheral Nerves. Spinner RJ, Amrami KK, Dyck PJB. American Society of Peripheral Nerve Palm Springs, California	01/2004

Targeted Fascicular Biopsy of Major Lower Extremity Peripheral Nerves. Spinner RJ, Amrami KK, Dyck PJB Lende Meeting Snowbird, Utah	02/2004
Using MR elastography to assess the dynamic mechanical properties of cartilage *Lopez D, Amrami KK, Rossman P, Ehman RL. SPIE San Diego, California	02/2004
Targeted Fascicular Biopsy of Major Lower Extremity Peripheral Nerves Spinner RJ, Amrami KK, Dyck PJB Southern Neurosurgical Society Amelia Island, Florida	03/2004
Targeted fascicular biopsy of proximal nerves with MRI abnormality may be diagnostically informative. Dyck PJB, Spinner RJ, Amrami KK, Klein CJ, Engelstad JK, Dyck PJ. American Academy of Neurology San Francisco, California	04/2004
Development of the middle glenohumeral ligament in shoulders with instability Minagawa H, Amrami KK, Sperling JW, Itoil E, An KN. International Congress on Surgery of the Shoulder Washington, District of Columbia	05/2004
Breast MRI: Bilateral Simultaneous High Resolution Sagittal Imaging Educational Exhibit Brandt KR, Kim DK, Amrami KK, Maier CF, Felmlee JP, Stanley DW. Radiological Society of North America Chicago, Illinois	11/2004 - 12/2004
Semi-automated digital image analysis of joint space width in knee radiographs *Schmidt JE, Amrami KK, Manduca A, Kaufman KR. Society of Skeletal Radiology Orlando, Florida	03/2005
T2 Values of Patellar Cartilage in Patients with Osteoarthritis. *Koff MF, Amrami KK, Kaufman KR. 20th Congress International Society of Biomechanics Cleveland, Ohio	07/2005
The Application of Three-Dimensional Rendering in Joint-Related Ganglia. Spinner RJ; Edwards PK; Amrami KK. Presidential Award. American Association of Clinical Anatomists New York, New York	07/2005
3T for Wrist Imaging IWIW/American Society for Surgery of the Hand San Antonio, Texas	09/2005
3T MRI Imaging of Chronic Inflammatory Demyelinating Mononeuropathy and Polyneuropathy Amrami KK, Ivanovic V, Felmlee JP, Dyck PJ, Spinner RJ. Scientific Paper Radiologic Society of North America Chicago, Illinois	11/2005 - 12/2005
Use of Stress MRI to Diagnose Chronic Compartment Syndrome: An Update Symposium on Sports Medicine Rochester, Minnesota	11/2005

- High Resolution MRI Can Help Determine Tumor Resectability in Cases of Benign Sciatic Notch Lesions 01/2006
Spinner, RJ, Endo T, Amrami, KK, Dozois EJ.
American Society for Peripheral Nerve Annual Meeting
Tucson, Arizona
- Examiner Variability of T2 of Cartilage in Subjects with Osteoarthritis. 05/2006
*Koff MF, Amrami KK, Kaufman KR.
International Society for Magnetic Resonance in Medicine
Seattle, Washington
- The cystic transverse limb of the articular branch: a pathognomonic sign for peroneal intraneural ganglion cysts at the superior tibiofibular joint. 10/2006
Spinner RJ, Desy NM, Amrami KK.
Congress of Neurological Surgeons
- 4D CT Imaging of the Wrist: Proof of Feasibility in a Cadaveric Specimen 11/2006
Tay SC; Primak AN, Fletcher JG, Schmidt B, Amrami KK, McCollough CH, Berger RA.
Radiological Society of North America
Chicago, Illinois
- Real-time Joint Kinematics with Gated-Spiral CT: Understanding the Relationship of Artifacts to Joint Motion 11/2006
Primak AN, Tay SC, Fletcher JG, Schmidt B, Amrami KK, McCollough CH, An KN.
Radiological Society of North America
Chicago, Illinois
- Brachial plexopathy and breast cancer 12/2006
Terstriep SA, Moynihan TJ, Amrami KK, Spinner RJ.
San Antonio Breast Symposium
San Antonio, Texas
- The cystic transverse limb of the articular branch: a pathognomonic sign for peroneal intraneural ganglion cysts at the superior tibiofibular joint. Award Presentation 01/2007
*Desy NM, Amrami KK, Spinner RJ.
American Society for Peripheral Nerve
Puerto Rico
- Metastatic Breast Cancer Recurrence to the Brachial Plexus - MRI Imaging Characteristics. 01/2007
*Summers HG, Amrami KK, Spinner RJ.
American Society for Peripheral Nerve
Rio Grande, Puerto Rico, Puerto Rico
- MR Shoulder Arthrography for Glenoid Labral Tears in 64 Patients with Arthroscopic/Open Surgical Correlation; Mayo Experience 2001 - 2002. 05/2007
*Maxfield AS, Amrami KK, Sperling JW
American Roentgen Ray Society
Orlando, Florida
- Coexistent intraneural ganglia. 06/2007
*Desy NM, Scheithauer BW, Rock M, Holdt C, Amrami KK, Spinner RJ.
American Association for Clinical Anatomists
Las Vegas, Nevada
- Atypical appearance of intraneural ganglion cysts extending into the sciatic nerve. 06/2007
Spinner RJ, Wang H, Amrami KK.
American Association for Clinical Anatomists
Las Vegas, Nevada

Perineurioma: A Focal, Motor Predominant, Benign Nerve Tumor of the Young. *Mauermann ML, Dyck PJ, Kuntz NL, Amrami KK, Spinner RJ, Bosch EP, Engelstad J, Dyck PJB. Peripheral Nerve Society Snowbird, Utah	07/2007
The dynamic phases of peroneal and tibial intraneural ganglion formation: A new dimension added to the unifying articular theory. Spinner RJ, Wang H, Amrami KK American Society for Peripheral Nerve Los Angeles, California	01/2008
The clock face guide to peroneal intraneural ganglia: critical "times" and sites for accurate diagnosis. Desy N, Spinner RJ, Luthra G, Anderson M, Amrami KK. American Association of Clinical Anatomists Toronto, Ontario, Canada	07/2008
The Unifying articular theory for intraneural ganglia. Spinner RJ, Amrami KK. Academy of Neurosurgery Sonoma, Arizona	09/2008
Basics of 3 Tesla MSK MR Imaging Tutorials in Diagnostic Radiology Kona, Hawaii	01/2009
3T MR Imaging of the Wrist and Hand Tutorials in Diagnostic Radiology Kona, Hawaii	01/2009
Atypical Presentations of Lipoma Arborescens Society of Skeletal Radiology Annual Meeting Scottsdale, Arizona	03/2011
Arthritis Essentials of Radiology: A Mayo Clinic Review Rochester, Minnesota	04/2011
Case Presentations International Skeletal Society Members Meeting San Diego, California	09/2011
Balanced Steady-State Free Precession Imaging of Popliteal Artery Radiological Society of North America 2011 Chicago, Illinois	11/2011
Vascular Anomalies of the Extremities: Clinical Findings and Imaging with Emphasis on MRI RSNA 2011 Chicago, Illinois	11/2011
Solitary Fibrous Tumor International Skeletal Society Member's Meeting Rome, Italy	09/2012
Bone Marrow International Skeletal Society Philadelphia, Pennsylvania	10/2013
Important Hand and Wrist Conditions that have Subtle Findings in MRI SCBT-MR 2013 Tucson, Arizona	10/2013

Peripheral Nerve Imaging SCBT-MR 2013 Tucson, Arizona	10/2013
MR Imaging Findings of the Superficial Soft Tissue Masses of the Extremities: Correlation with Histopathologic Features. Nagata S, Nishimura H, Amrami KK, Hiraoka K, Ono F, Akiba J, Sumi A, Tonan T, Tanaka N, Fujimoto K, Uchia M, Abe T. Radiological Society of North America 2013 Chicago, Illinois	12/2013
MRI Of Peripheral Nerves: Brachial and Lumbosacral Plexus: Part I Tutorials in Diagnostic Radiology/ARLS Maui, Hawaii	01/2014
MRI of Peripheral Nerves: Extremities - Part II Tutorials in Diagnostic Radiology/ARLS Maui, Hawaii	01/2014
Poster	
Unusual presentations and appearances of chondroblastoma. Amrami KK, Adkins MC, Khurana JS, Unni KK. Poster American Roentgen Ray Society New Orleans, Louisiana	05/1999
Exertional compartment syndrome and the role of magnetic resonance imaging. Lauder TD, Stuart MJ, Amrami KK, Felmllee JP. Poster Association of Academic Physiatrists Hilton Head, South Carolina	03/2001
Outcome of Atypical Lobular Hyperplasia and Lobular Carcinoma in Situ Diagnosed by Core Needle Biopsy: Clinical and Surgical Follow-up of 30 Cases. Pacelli A, Rhodes DJ, Amrami KK, Reynolds C. Poster American Society of Clinical Pathologists Philadelphia, Pennsylvania	10/2001
Chondroblastoma of the hands and feet. * Davila JA, Amrami KK, Adkins MC, Khurana JS, Unni KK. Poster Radiologic Society of North America Chicago, Illinois	11/2001
Inflammatory Lower Extremity Neuropathies. Dyck PJB, Spinner RJ, Amrami KK, Dyck PJ American Academy of Neurology Denver, Colorado	04/2002
Evaluation of 3D Fast SPGR and TRICKS for Distal Extremity CE-MRA Amrami KK, Glockner J, Stanley D. International Society for Magnetic Resonance in Medicine Kyoto, Japan	05/2004
Comparison of Cartilage Thickness and Radiologic Grade of Tibiofemoral Osteoarthritis. * Agnesi F, Amrami KK, Hughes CA, Kaufman KR. Poster Orthopaedic Research Society Annual Meeting Washington, District of Columbia	02/2005
MR Sensitivity verses Specificity - A Multidisciplinary Approach for Problem Solving. Britain M, Johnson RE, Amrami KK, Henrichsen T. Poster American Society Breast Disease Annual Symposium Las Vegas, Nevada	04/2005

- Chronic Inflammatory Demyelinating Polyradiculoneuropathy: Presenting as Neurofibromatosis. Children's Tumor Foundation International Consortium for the Molecular Biology of NF1, NF2 and Schwannomatosis. Polston DW, Spinner RJ, Amrami KK, O'Neill BP, Babovic-Vuksanovic D, Dyck PJB. Poster
Neurofibromatosis Society
Aspen, Colorado 06/2005
- Tibial intraneural ganglia in the tarsal tunnel: is there a joint connection? Spinner RJ, Dellon AL, Rosson GD, Amrami KK
American Association of Clinical Anatomists
New York, New York 07/2005
- Breast MRI: Bilateral Simultaneous High Resolution Sagittal Imaging. Brandt KR, Kim DK, Amrami KK, Maier CF, Felmlee JP, Stanley DW. Poster
Radiological Society of North America
Chicago, Illinois 11/2005 - 12/2005
- T2 Values of Patellar Cartilage in Patients with Osteoarthritis. *Koff MF, Amrami KK, Kaufman KR.
Orthopaedic Research Society
Chicago, Illinois 03/2006
- Kinematic Accuracy and Precision of Surface Registration and Volume Registration. Tay SC, Tomita K, Primak AN, Fletcher JG, Amrami KK, Berger RA, An KN.
Orthopaedic Research Society
Chicago, Illinois 03/2006
- Three dimensional in-vivo kinematic analysis of the distal radioulnar joint during resisted active motion. Tay SC, Tomita K, Tan ET, Zhao KD, Berger RA, Amrami KK, An KN.
Orthopaedic Research Society
Chicago, Illinois 03/2006
- T2 Values of Patellar Cartilage in Patients with Osteoarthritis *Koff MF, Amrami KK, Kaufman KR
Orthopedic Research Society
Chicago, Illinois 03/2006
- Neoplastic lumbosacral radiculoplexopathy in prostate cancer: an unusual entity. Ladha SS, Spinner RJ, Suarez G, Amrami KK, Dyck PJB.
American Association of Neurologists
San Diego, California 04/2006
- T2 Values of Patellar Cartilage in Subjects with Osteoarthritis. *Koff MF, Amrami KK, Kaufman KR.
International Society for Magnetic Resonance in Medicine
Seattle, Washington 05/2006
- Relationship of Joint Space Width and Cartilage T2 Values in Subjects with Osteoarthritis. *Koff MF, Amrami KK, Kaufman KR.
International Society for Magnetic Resonance in Medicine
Seattle, Washington 05/2006
- Changes of T2 values of patellar cartilage in subjects with osteoarthritis over a one year time period *Koff MF, Amrami KK, Kaufman KR
ISMRM
Berlin, Germany 05/2007

- Variation in T2 values related to method of calculation: implications for correlative and longitudinal studies 05/2007
*Koff MF, Amrami KK, Felmlee JP, Kaufman KR
ISMRM
Berlin, Germany
- Magnetic Resonance Imaging Comparison of Arthroscopic and Open Repair of Triangular Fibrocartilage Complex Tears of the Wrist 05/2007
*Anderson ML, Larson A, Utter PA, Larson DR, Berger RA, Moran SL, Cooney WP, Amrami KK.
ISMRM
Berlin, Germany
- Hypertrophic chronic inflammatory demyelinating polyneuropathy presenting as neurofibromatosis 07/2007
Chahin N, Polston DW, Spinner RJ, Amrami KK, Dyck PJB
Peripheral Nerve Society
Snowbird, Utah
- Targeted fascicular biopsy of proximal nerves with MRI abnormality may be diagnostically informative 07/2007
Dyck PJB, Spinner RJ, Amrami KK, Klein CJ, Engelstad J, Dyck PJ
Peripheral Nerve Society
Snowbird, Utah
- Clinical and neuropathological characteristics of peripheral nerve lymphoma 07/2007
Taghavi V, Dyck PJ, Spinner RJ, Amrami KK, Kurtin PJ, Engelstad JK, Dyck PJB
Peripheral Nerve Society
Snowbird, Utah
- Examiner repeatability of patellar cartilage T2 Values 09/2007
*Koff MF, Parratte S, Amrami KK, Kaufman KR.
International Cartilage Repair Society
Warsaw, Poland
- The dynamic phases of peroneal and tibial intraneural ganglion formation: a new dimension added to the unifying articular theory. 02/2008
Spinner RJ, Wang H, Amrami KK. Best Poster Award Presentation
Joint Section
Orlando, Florida
- Coexisting secondary intraneural and vascular adventitial ganglion cysts of joint origin: a causal rather than a coincidental relationship supporting an articular theory. 02/2008
*Desy NM, Spinner RJ, Amrami KK.
Joint Section
Orlando, Florida
- In-vivo T2 mapping and dGEMRIC of human hip cartilage at 1.5T. 03/2008
*Koff MF, Stanley DW, Amrami KK, Kaufman KR.
54th Annual Orthopedic Research Society (ORS)
San Francisco, California
- Comparison of Knee Osteoarthritis Disease Assessment Using MRI and Radiographic Measurements. 03/2008
D'Apuzzo MR, Yonke BD, Lebel BP, Amrami KK, Kaufman KR.
54th Annual Orthopedic Research Society (ORS)
San Francisco, California

Clavicle fracture and flap failure following FFMT to restore elbow flexion. Adams JE, Kallina CF, Amrami KK, Steinmann SP. 75th Annual American Academy of Orthopaedic Surgeons San Francisco, California	03/2008
Feasibility of MTC Subtraction Imaging of the Knee at 3T 1st Place Clinical Focus Poster Award *Stanley DW, Williams SL, Amrami KK, Wood M, Nagata S. International Society for Magnetic Resonance in Medicine Toronto, Ontario, Canada	05/2008
Diagnosing Chronic Exertional Compartment Syndrome with MRI: A simplified protocol using the body coil Bromley J, Williams S, Amrami KK, Litwiller DV, Felmlee JP. International Society for Magnetic Resonance in Medicine Toronto, Ontario, Canada	05/2008
Patterns of intraneural ganglion descent Spinner RJ, Carmichael SW, Wang H, Parisi TJ, Skinner JA, Amrami KK. American Association of Clinical Anatomists Toronto, Ontario, Canada	07/2008
Imaging of Solitary Fibrous Tumor in Various Organs: A Comprehensive Review Radiological Society of North America Chicago, Illinois	11/2014 - 12/2014
Regional	
Invited	
3T MRI Body Imaging Minnesota Radiologic Society Bloomington, Minnesota	04/2004
MRI Evaluation of Cartilage Minnesota Radiologic Society Bloomington, Minnesota	04/2005
3T of the Musculoskeletal System Sioux Falls Conference Sioux Falls, South Dakota	10/2008
3T MRI of the Hand and Wrist Sioux Falls Conference Sioux Falls, South Dakota	10/2008
Wrist Instability: Clinical Abnormalities Not (Easily) Detected by MRI Mayo Clinic MSK Conference Rochester, Minnesota	05/2009
Imaging features of neuromuscular choristoma; potentially a "don't touch" lesion. Mayo Fellows Research Day Rochester, Minnesota	02/2013
Arthritis Essentials of Radiology: A Mayo Clinic Review Rochester, Minnesota	09/2014
Oral	

Stretch Reflex Modulation During Sinusoidal Tracking in Cerebellar Ataxia and Parkinsonism 09/1992
Amrami KK, Kipnis AN, Johnson MTV, Ebner TJ.
Minnesota Society for the Neurological Sciences
Minneapolis, Minnesota

Cystic transverse limb of the articular branch: a pathognomonic sign for peroneal intraneural ganglia at the superior tibiofibular joint. 07/2006
*Desy NM, Amrami KK, Spinner RJ.
American Association of Clinical Anatomists
Milwaukee, Wisconsin

A clinicoanatomic explanation for tibial intraneural ganglion cysts arising from the superior tibiofibular joint. 07/2006
Mokhtarzadeh A, Schiefer TK, Desy NM, Amrami KK, Spinner RJ.
American Association of Clinical Anatomists
Milwaukee, Wisconsin

Musculoskeletal MRI at 3T 10/2006
Orthopedic Alumni Meeting
Rochester, Minnesota

Peripheral Nerve Imaging 10/2012
Minnesota Radiological Society
St. Paul, Minnesota

Poster

Outcome of atypical lobular hyperplasia and lobular carcinoma in situ diagnosed by core needle biopsy: clinical and surgical follow-up of 30 cases. 01/2002
* Pacelli A, Rhodes DJ, Amrami KK, Reynolds C. Poster
Mayo Clinic, Departments of Laboratory Medicine & Pathology, Internal Medicine, and Radiology.
Rochester, Minnesota

Improving Efficiency in MRI by Utilizing Non-Technologist Personnel. 01/2003
Bromley J, Williams S, Amrami KK, McGee KP, Stiving S, Broers J. Poster
Mayo Quality Conference
Rochester, Minnesota

Case presentations and pathology of CIDP presenting as plexiform neurofibromas 05/2006
Polston DW, Dyck PJB, Dlein CJ, Spinner RJ, Amrami KK, O'Neill BP, Low PA.
Peter Dyck Symposium, Alumni Day, Horizons in Mayo Clinic Neurology and Neurosurgery
Rochester, Minnesota

Neoplastic lumbosacral radiculoplexopathy in prostate cancer: an unusual entity 05/2006
Ladha SS, Spinner RJ, Suarez GA, Amrami KK, Dyck PJB
Peter Dyck Symposium, Alumni Day, Horizons in Mayo Clinic Neurology and Neurosurgery
Rochester, Minnesota

13. Visiting Professorships

Unknown Cases 04/2002
University of Minnesota, Department of Radiology
Minneapolis, Minnesota

Musculoskeletal CT: Techniques and Applications 04/2002
University of Minnesota, Department of Radiology
Minneapolis, Minnesota

Imaging of the Wrist
University of Minnesota, Department of Radiology
Minneapolis, Minnesota

04/2002

14. Clinical Practice, Interests, and Accomplishments

Musculoskeletal radiology: MRI of cartilage, Imaging of Osteoarthritis, High Field MRI of Joints, Imaging of the Wrist, Imaging of the Distal Radioulnar Joint, Musculoskeletal CT, Peripheral Nerve Imaging.
Body MRI

15. Research Interests

Cartilage, High Field MRI of Joints, Imaging of the DRUJ, Chronic Exertional Compartment Syndrome, Wrist Imaging, Peripheral Nerve Imaging.

16. Educational Practice, Interests, and Accomplishments

17. Research Grants Awarded

Active Grants

Foundation

Co-Program Director / Principal Investigator	A multi-center feasibility trial establishing imaging and biochemical technologies as measures of knee cartilage composition following acute ACL injury. Funded by Arthritis Foundation. (A121754)	08/01/2013 - 03/31/2017
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Industry

Co-Investigator	Focal MR-Guided Focused Ultrasound Treatment of Localized Low-Risk Prostate Cancer: Feasibility Study. Funded by Insightec Inc. (Work Order #5)	08/02/2012 - 08/01/2015
Co-Investigator	Replacement Amendment #1 - A Phase IV Post Approval Clinical Study of ExAblate Treatment of Metastatic Bone Tumors for the Palliation of Pain in: Replacement - Amendment #1 - A Phase IV Post Approval Clinical Study of ExAblate Treatment of Metastatic Bone Tumors for the Palliation of Pain. Funded by Insightec Inc. (Work Order #2)	06/10/2013 - 06/09/2014
Co-Investigator	A Post Approval Registry: ExAblate Treatment of Metastatic Bone Tumors for the Palliation of Pain. Funded by Insightec Inc. (Work Order #1)	06/10/2013 - 06/09/2015

Completed Grants

Federal

Co-Investigator	Aerobic Exercise Intervention for Knee Osteoarthritis. Funded by National Institute of Arthritis and Musculoskeletal and Skin Diseases. (R01 AR 48768)	09/2002 - 03/2009
Co-Investigator	Magnetic Resonance Elastography. Funded by National Institute of Biomedical Imaging and Bioengineering. (R01 EB 01981)	06/2003 - 05/2010
Consultant	Automatic Correction of Motion Artifacts in MR Images. Funded by National Institute of Biomedical Imaging and Bioengineering. (R01 EB 00229)	02/2000 - 12/2008

Foundation

Co-Investigator	An Analysis of Symmetry of Displacement of the Distal Radioulnar Joint and Strength of the Forearm Under Resisted Forearm Rotation in Normal Subjects. Funded by Arthritis Foundation North Central Chapter. (MAF #141)	01/2002 - 12/2006
Co-Investigator	Magnetic Resonance Imaging of Sub-solid Nodules. Funded by American Association for Women Radiologists. (AAWR-01)	10/2012 - 06/2014

Co-Investigator Magnetic Resonance Imaging of Sub-solid Nodules. Funded by STR - Society of Thoracic Radiology. (STR-01) 10/2012 - 12/2013

Industry

Co-Investigator A Randomized Double-Blind Trial of Nexalin vs. Placebo in Subjects with Moderate to Severe Pain from Osteoarthritis of the Knee. Funded by Kalaco Scientific. (KAL0001-OA-US) 12/2007 - 11/2009

Mayo Clinic

Co-Investigator Establishment of a Normative Database for Displacement of the Distal Radioulnar Joint and Strength of the Forearm under Resisted Forearm Rotation. Funded by CR Programs. 09/2001 - 08/2003

18. Patents

Title	Patent Number	Date filed	Date issued
MRI Compatible Knee Positioning Device Inventors: Kaufman KR, Amrami KK, Koff MF, Schultz F.	US 63066600257	08/2009	06/2010

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