

CURRICULUM VITÆ

RICHARD CHARLES SEMELKA, MD, FRCPC

Personal Information:

Name: Richard C. Semelka
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Education:

Research Associate, Magnetic Resonance Research Group, Siemens, Erlangen	May 1, 1990 – Oct 31, 1990
Clinical Research Fellowship in Body Magnetic Resonance Imaging Medical Center, University of California at San Francisco, California	Aug 10, 1988 – Apr 30, 1990
Fellowship in Body Computed Tomography St. Boniface General Hospital Winnipeg, Canada	Jan 1, 1988 – Jun 30, 1988
Radiology Residency University of Manitoba	Jun 1, 1984 – Jul 31, 1988
Internship, Surgical Mixed University of Manitoba	Jun 1, 1983 – Jul 30, 1984
Plastic Surgery clinical clerkship Brisbane, Australia	Feb 1, - Mar 31, 1982
Faculty of Medicine University of Manitoba	Sept 1, 1979 – Jun 30, 1983

Faculty of Science
University of Manitoba

Sep 1, 1977 – Jun 30, 1979

Professional Experience -- Employment History:

Richard Semelka, MD. Consulting PLLC.
Radiology, Research, Publication, Medicolegal,
Safety, Gadolinium Toxicity

Apr 2018 – present

Medical Clinic Dr Richard Semelka

Sept 2021 - present

Strategic Imaging. Teleradiology group

Jan 2019 – Dec 2020

Integrative Medical Clinic of North Carolina

Nov 2019 – Jul 2021

Docpanel. Teleradiology group

Apr 2018 – present

Medical Day Spa of Chapel Hill

Dec 2018 – Apr 2020

Vice Chairman of Quality and Safety
Department of Radiology
University of North Carolina at Chapel Hill

Dec 1, 2007 – 2016

Vice Chairman of Clinical Research
Department of Radiology
University of North Carolina at Chapel Hill

Jul 1, 1999 – Apr 30, 2011

Professor
Department of Radiology
University of North Carolina at Chapel Hill

Jul 1, 1999 – 2017

Director
Magnetic Resonance Services
University of North Carolina at Chapel Hill

Dec 1, 1992 – 2017

Associate Professor
Department of Radiology
University of North Carolina at Chapel Hill

Dec 1, 1992 – Jun 30, 1999

MRI Research Coordinator
St. Boniface Research Foundation

Nov 1, 1990 - Nov 30, 1992

Assistant Professor

Nov 1, 1990 - Nov 30, 1992

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Department of Radiology
University of Manitoba

Attending Radiologist in Body Magnetic
Resonance Imaging Section of the
Radiology Department, Medical
Centre, University of California
at San Francisco

Jul 1, 1989 - Apr 30, 1990

Clinical Instructor in Genito-Urinary
Section of the Radiology Department,
Medical Center, University of California
at San Francisco

Jan 1, 1989 - Apr 30, 1990

Certification/Licensure:

Iowa State Medical License.
License No. MD-47735.

Aug 17, 2020

New York Medical License.
License number 301494.

Oct 4, 2019

North Carolina State Medical License

Feb 1, 1993

Diplomate of the American Board of
Radiology

Jun 1, 1989

Fellow of the Royal College of
Physicians and Surgeons of Canada
in Diagnostic Radiology

Jun 1, 1988

California State Medical License

May 1, 1988

License Medical Council of Canada

Jun 1, 1983

Honors & Awards:

“HASTE MR imaging: description of technique and preliminary results in the abdomen”
Semelka RC, Kelekis NL, Thomasson D, Brown MA, Laub GA. J1996 Jul-Aug;6(4):698-9
- recognition as among the top 25 papers in the 25 years of JMRI.
ISMRM 24th Annual Meeting & Exhibition • Singapore • 7 -13 May 2016

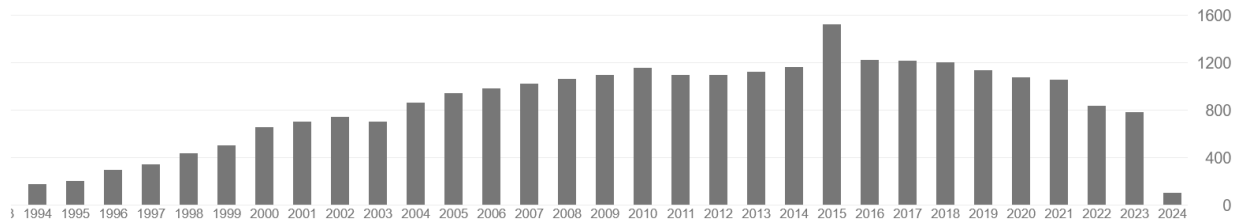
Honorary Fellowship	Oct 2007
Kodak Carestream Professor	Oct 2007
Imaging X-rays Cause Cancer: A Call to Action for Caregivers and Patients (The 5 th most read article for 2006)	Aug 2006
Radiation Risk From CT Scans: A Call for Patient-Focused Imaging (The fourth most read article of 2005)	Jan 2005
Fellow of the International Society of Magnetic Resonance in Medicine	Apr 2001
First Place University of Manitoba Resident Lecture Competition CT Appearance of Hepatic Parenchymal Disease	Dec 1984
FLEX Examination	Jun 1983
Dean's Honor List Faculty of Science	1978 - 1979
St. John's College Alumni Association Scholarship for Academic Achievement	1978 - 1979
Dean's Honor List Faculty of Science	1977 - 1978

Bibliography and Products of Scholarship

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Citations	27355	4989
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Text Books

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2. Dale BM, Brown MA, **Semelka RC**. MRI: Basic Principles and Applications 5th Edition. Wiley Blackwell, 2015
3. Altun E, El-Azzazi M, **Semelka RC**. Liver Imaging: MRI with CT Correlation. Wiley-Blackwell; 1st edition 2015
4. Birchard KR, Busireddy K, **Semelka RC**. Critical Observations in Radiology for Medical Students. Wiley Blackwell, Hoboken, NJ, 2015
5. Brown MA, Ojeda-Fournier H, Djilas D, El-Azzazi M, **Semelka RC**. Women's Imaging: MRI with Multimodality Correlation. Wiley Blackwell, Hoboken, NJ, 2014
6. Tomei E, **Semelka RC**, Nissman D. Text-Atlas of Skeletal Age Determination: MRI of the Hand and Wrist in Children. Wiley-Blackwell Hoboken, NJ, February 2014.
7. Tomei E, Battisti S, Martino M, Nissman DB, **Semelka RC**. MRI of the Hand and Wrist in Children. Wiley Blackwell, Hoboken, NJ, 2014
8. Elias J Jr, **Semelka RC**. Health Care Reform in Radiology. Wiley-Blackwell. Hoboken, NJ, 2013
9. **Semelka RC**. Abdominal-Pelvic MRI, 2 volume set, Third Edition. Wiley-Blackwell. New Jersey, 2010
10. Brown MA, **Semelka RC**. MRI Basic Principles and Applications. Fourth Edition. Wiley-Liss. New York, 2010.
11. **Semelka RC**. Clyde Jones Penguins, Giraffes and Other Critters His Joyous Vision. Lulu Press, Inc., 2010
12. Martin DR, Brown MA, **Semelka RC**. Primer on MR Imaging of the Abdomen and Pelvis. Wiley-Liss. New York, 2005.
13. **Semelka RC**. Abdominal-Pelvic MRI Second Edition. John Wiley & Sons, Inc. New Jersey, 2005.
14. Brown MA, **Semelka RC**. MRI Basic Principles and Applications. Third Edition. Wiley-Liss. New York, 2003.

15. **Semelka RC.** Abdominal-Pelvic MRI. John Wiley & Sons, Inc. New Jersey, 2002.
16. Brown MA, **Semelka RC.** MRI Basic Principles and Applications. Second Edition. Wiley-Liss. New York, 1999.
17. Brown MA, **Semelka RC.** MRI Basic Principles and Applications. Wiley-Liss. New York, 1995.

Book Chapters

1. Castro Pereira JF, Ramalho M, Velloni F and **Semelka R.** Pancreas. In: Magnetic Resonance Imaging. Editor: Luca Saba. 2024, Taylor & Francis
2. Matos AP, Velloni FG, AlObaidy M, Pinetti RZ, **Semelka RC,** Ramalho M. MR of Maternal Chest Diseases in Pregnancy. In: MRI of Fetal and Maternal Diseases in Pregnancy. Editor: Gabriele Masselli. 2016. Springer International Publishing Switzerland
3. Velloni F, Altun E, Ramalho M, **Semelka RC.** Pancreas. In: Magnetic Resonance Imaging Handbook. Editor: Luca Saba. End of 2015, Taylor & Francis
4. Heredia V, Ramalho M, Duarte S and **Semelka RC.** Magnetic Resonance Imaging Of Pulmonary Embolism: A Review Of Technical And Clinical Aspects. In: Pulmonary Embolism: Causes, Symptoms and Treatment, Editors: Nicole J. Wright and Andrew Smith. Nova Science Publishers, Inc. Hauppauge, NY, USA, 2012. Chapter 4.
5. Ramalho R, Guimarães L, Herédia V, Ramalho F and **Semelka RC.** Complementary procedures to capsule enteroscopy: non-endoscopic imaging studies. Cross Sectional Imaging Of The Small Bowel. In: Juan Manuel Herrerias, Miguel Mascarenhas-Saraiva eds. Atlas of Capsule Endoscopy 2. Sulime 2012. Chapter 4, pp.353-372
6. Herédia V, Ramalho M, Duarte S, de Campos ROP, Jalles Tavares N and **Semelka RC.** Magnetic Resonance Imaging of the Thoracic Aorta: A Review of Technical and Clinical Aspects, Including Its Use in the Evaluation of Aneurysms and Acute Vascular Conditions. In: Reinhart Grundmann ed. Diagnosis and Treatment of Abdominal and Thoracic Aortic Aneurysms Including the Ascending Aorta and the Aortic Arch. InTech, 2011. Chapter 8, pp. 101-126
7. Shin SS, Lee CH, de Campos R, **Semelka RC.** Chapter 7 - MR imaging of the pancreas pp 82-110. In: Kamel, I.R. and Merkle, E.M. (eds.) (2011) Body MR Imaging at 3 Tesla.

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9. de Campos ROP, Herédia V, Ramalho M, Altun E and **Semelka RC**. Application Of Gadolinium Based Contrast Agents In Abdominal Magnetic Resonance Imaging: Important Considerations. In: Caden C. Thompson, ed. Gadolinium: Compounds, Production and Applications, 2011 Nova Science Publishers, Inc. Chapter 6, pp 217-244
10. Ramalho, Heredia V, Ramalho F, **Semelka RC**. Crohn´s Disease: Why MRI? In: Juan Manuel Herrerias, Martin Brotman y Ralph Giannella, eds. Atlas on Crohn´s disease, Sulime, 2010. Chapter 5, pp58-70
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4. **Semelka RC**, Ramalho M. Commentary on the Association of Symptoms Associated With Gadolinium Exposure/Gadolinium Deposition Disease and Gadolinium-Based Contrast Agents. *Invest Radiol.* 2022 Oct 1;57(10):674-676.
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6. Maecker HT, Siebert JC, Rosenberg-Hasson Y, Koran LM, Ramalho M, **Semelka RC**. Acute Chelation Therapy-Associated Changes in Urine Gadolinium, Self-reported Flare Severity, and Serum Cytokines in Gadolinium Deposition Disease. *Invest Radiol.* 2021 Jun 1;56(6):374-384.
7. **Semelka RC**, Ramalho M. Physician-sufferers with self-diagnosed Gadolinium Deposition Disease: Series Report. *Radiol Bras.* 2021 Jul-Aug;54(4):238-242

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9. Maecker H, Wang W, Rosemberg-Hasson Y, **Semelka RC**, Hickey J, Koran LM. An Initial Investigation of Serum Cytokine Levels in Patients with Gadolinium Retention. *Radiol Bras*. 2020 Sep-Oct;53(5):306-313.
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12. **Semelka RC**, Nimojan N, Chandana S, Ramalho M, Palmer SL, DeMulder D, Parada Villavicencio C, Woosley J, Garon BL, Jha RC, Miller FH, Altun E. MRI features of primary rare malignancies of the liver: A report from four university centres. *Eur Radiol*. 2018 Apr;28(4):1529-1539.
13. **Semelka RC**, Ramalho M, Jay M, Hickey L, Hickey J. Intravenous Calcium-/Zinc-Diethylene Triamine Penta-Acetic Acid in Patients with Presumed Gadolinium Deposition Disease: A Preliminary Report on 25 Patients. *Invest Radiol*. 2018 Jun;53(6):373-379.
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16. Santucci D, Lee SS, Hartman H, Walgampaya S, AlObaidy M, Ramalho M, Dale BM, **Semelka RC**. Comparison of Cartesian and radial acquisition on short-tau inversion recovery (STIR) sequences in breast MRI. *Radiol Bras*. 2017 Jul-Aug;50(4):216-223.
17. Ramalho M, Ramalho J, Burke LM, **Semelka RC**. Gadolinium Retention and Toxicity-An Update. *Adv Chronic Kidney Dis*. 2017 May;24(3):138-146.
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- evaluation of response to treatment - Part 2. *Radiol Bras.* 2017 Mar-Apr;50(2):115-125.
19. Ramalho M, Matos AP, AlObaidy M, Velloni F, Altun E, **Semelka RC**. Magnetic resonance imaging of the cirrhotic liver: diagnosis of hepatocellular carcinoma and evaluation of response to treatment - Part 1. *Radiol Bras.* 2017 Jan-Feb;50(1):38-47.
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 22. Commander CW, Johnson DC, Raynor MC, Burke LM, Hacker KE, Hoag B, Fielding JR, **Semelka RC**, Lee ER. Detection of Upper Tract Urothelial Malignancies by Computed Tomography Urography in Patients Referred for Hematuria at a Large Tertiary Referral Center. *Urology.* 2017 Apr; 102:31-37.
 23. Ramalho J, Ramalho M, Jay M, Burke LM, **Semelka RC**. Gadolinium toxicity and treatment. *Magn Reson Imaging.* 2016 Dec;34(10):1394-1398.
 24. Giardino A, Miller FH, Kalb B, Ramalho M, Martin DR, Rodacki K, Woosley JT, **Semelka RC**. Hepatic epithelioid hemangioendothelioma: a report from three university centers. *Radiol Bras.* 2016 Sep-Oct;49(5):288-294.
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 27. **Semelka RC**, Ramalho M, Jay M. Summary of special issue on gadolinium bioeffects and toxicity with a look to the future. *Magn Reson Imaging.* 2016 Dec;34(10):1399-1401.
 28. **Semelka RC**, Commander CW, Jay M, Burke LM, Ramalho M. Presumed Gadolinium Toxicity in Subjects with Normal Renal Function: A Report of 4 Cases. *Invest Radiol.* 2016 Oct;51(10):661-5.

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33. Burke LM, Sofue K, Alagiyawanna M, Nilmini V, Muir AJ, Choudhury KR, **Semelka RC**, Bashir MR. Natural history of liver imaging reporting and data system category 4 nodules in MRI. *Abdom Radiol (NY)*. 2016 Sep;41(9):1758-66.
34. Ramalho J, Ramalho M, AlObaidy M, Nunes RH, Castillo M, **Semelka RC**. T1 Signal-Intensity Increase in the Dentate Nucleus after Multiple Exposures to Gadodiamide: Intraindividual Comparison between 2 Commonly Used Sequences. *AJNR Am J Neuroradiol*. 2016 Aug;37(8):1427-31.
35. AlObaidy M, Ramalho M, Velloni F, Matos AP, Herman K, **Semelka RC**. Enhancement of abdominal structures on MRI at 1.5 and 3 T: a retrospective intraindividual crossover comparison. *Eur Radiol*. 2017 Apr;27(4):1596-1604
36. Matos AP, Jeon YH, Ramalho M, AlObaidy M, **Semelka RC**. Lobulated Margination of Liver Hemangiomas: Is This a Definitive Feature? *Clin Imaging*. 2016 Jul-Aug;40(4):801-5.
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39. **Semelka RC**, Ramalho M, AlObaidy M, Ramalho J. Gadolinium in Humans: A Family of Disorders. *AJR Am J Roentgenol*. 2016 Aug;207(2):229-33

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41. Matos AP, **Semelka RC**, Herédia V, AlObaidy M, Veloso Gomes F, Ramalho M. Modified Approach on the Characterization of Adrenal Nodules Using a Standard Abdominal MRI Protocol (Accepted - January 2016, *Radiologia Brasileira*)
42. Velloni F, Ramalho M, AlObaydi M, Matos AP, **Semelka RC**. Bone metastases of Hepatocellular Carcinoma - Appearance on Magnetic Resonance Imaging Using a Standard Abdominal Protocol. *AJR Am J Roentgenol*. 2016 May;206(5):1003-12.
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47. AlObaidy M, **Ramalho M**, Busireddy KK, Dale BM, Burke LM, Altun E, Liu B, **Semelka RC**. Surrogate arterial phase imaging using a long duration (≈ 1.5 min) radial acquisition T1-weighted sequence: an alternative in patients unable to breath-hold. *Acta Radiol*. 2016 Aug;57(8):955-63
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** #1 - The 50 Most-Frequently Read Articles in *AJNR Am J Neuroradiol* during December 2015 thru November 2016 - updated monthly
(<http://www.ajnr.org/reports/most-read>) **

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56. Brown ED, **Semelka RC**. Liver Masses: Metastases. *Magnetic Resonance Update* 1994.
57. Brown ED, **Semelka RC**. Adrenal Masses: Metastases. *Magnetic Resonance Update* 1994.
58. Brown ED, **Semelka RC**. Bladder Cancer Staging. *Magnetic Resonance Update* 1994.
59. Brown ED, **Semelka RC**. Renal Masses. *Magnetic Resonance Update* 1994.
60. Brown ED, **Semelka RC**. Contrast-enhanced magnetic resonance imaging of the abdomen. *Magn Reson Q* 1994; 10:97-124.
61. Corrigan K, **Semelka RC**. The potential use of magnetic resonance imaging in detection of insulinitis. *Diabetes Prevention and Therapy* 1993; 7:2-3.
62. **Semelka RC**, Shoenut JP. CT and MRI in the Investigation of Metastatic Disease to the Liver. *Current Imaging* 1991; 3:202-206.

Abstracts (Peer Reviewed):

1. **Semelka RC.** Keynote Address. Reactions to Contrast Agents in Radiology. Presented at the Annual Meeting of the Radiological Society of North America, Chicago, Illinois November 2013.
2. **Semelka RC.** The Role of Liver Specific Contrast. Presented at the Annual Meeting of the Radiological Society of North America, Chicago, Illinois November 2011.
3. **Semelka RC.** Motion Resistant Techniques. Presented at the Annual Meeting of the Radiological Society of North America, Chicago, Illinois November 2011.
4. Heredia V, Ramalho M, Campos RO, Dale B, Azevedo R, Woosley J, **Semelka RC.** Liver vessel cancellation artifact on in-phase and out-of-phase MRI imaging: a sign of ultra-high liver fat content. Session title: Diffuse liver disease. Insights into Imaging. ESGAR 2011 Book of Abstracts / Volume 2 / Supplement 2 / May 2011, 41
5. Ramalho M, Heredia V, de Campos RO, Azevedo RM, Dale DM, **Semelka RC.** In-phase and out-of-phase gradient-echo imaging in abdominal studies: intra-individual comparison of three different techniques. Session Title: Advances in MRI and US in abdominal imaging Insights into Imaging. ECR 2011 Book of Abstracts / Volume 2 / Supplement 1 / March 2011, 139-140
6. Ramalho M, de Campos R, Heredia V, Azevedo R, **Semelka RC.** Comparison of three different in-phase and out-of-phase gradient-echo imaging techniques for the characterization of adrenal lesions at 1.5T: preliminary observations. Session Title: Renal MRI Insights into Imaging. ECR 2011 Book of Abstracts / Volume 2 / Supplement 1 / March 2011, 121
7. **Semelka RC.** Body MR Imaging: Current Practice and Future Horizons (How-to Workshop). Presented at the Annual Meeting of the Radiological Society of North America, Chicago, Illinois November 2009.
8. **Semelka RC.** Body MR Imaging: Current Practice and Future Horizons (How-to Workshop). Presented at the Annual Meeting of the Radiological Society of North America, Chicago, Illinois November 2008.
9. Heredia V, Altun E, **Semelka RC.** Qualitative and quantitative comparison of 3.0T and 1.5T MRI for the liver with chronic liver disease M. Ramalho, M. Tsurusaki, Session Title: Challenges in hepatobiliary diseases European Radiology Supplements. ECR 2008 Book of Abstracts / Volume 18/ Supplement 1 / February 2008, 142.

10. **Semelka RC**, Picano E, Vano E, and Regulla D. The American College of Radiology white paper on radiation dose in medicine: deep impact on the practice of cardiovascular imaging *Cardiovascular Ultrasound* 2007, 5:37 Oct 2007.
11. **Semelka RC**. Body MR Imaging: Current Practice and Future Horizons (How-to Workshop). Presented at the Annual Meeting of the Radiological Society of North America, Chicago, Illinois November 2007.
12. **Semelka RC**. MRI of Endocrine Tumors of the Abdomen. Presented at Joint Annual Meeting ISMRM-ESMRMB, Berlin, Germany, May 2007.
13. **Semelka RC**. MRI of Diffuse Liver Disease. Presented at Joint Annual Meeting ISMRM-ESMRMB, Berlin, Germany, May 2007.
14. **Semelka RC**. MRI of focal liver disease. Presented at Joint Annual Meeting ISMRM-ESMRMB, Berlin, Germany, May 2007.
15. **Semelka RC**. The Difficult Liver Lesion – Body MRI. Presented at Joint Annual Meeting ISMRM-ESMRMB, Berlin, Germany, May 2007.
16. **Semelka RC**, Leyendecker J. Gastrointestinal (MR: Miscellaneous, Liver). Presented at the Annual Meeting of the Radiological Society of North America, Chicago, Illinois November 2006.
17. **Semelka RC**, Martin D, Hussain S, Balci N. Body MR Imaging: Current Practice and Future Horizons (How-to Workshop). Presented at the Annual Meeting of the Radiological Society of North America, Chicago, Illinois, November 2006.
18. Kim JK, **Semelka RC**, Elias J Jr, Pamuklar E. Gastrointestinal (Pancreatitis: CT, MR) Focal Pancreatic Mass: Distinction between Pancreatic Cancer versus Chronic Pancreatitis Using Gadolinium Enhanced 3D-Gradient Echo MR Imaging. Presented at the Annual Meeting of the Radiological Society of North America, Chicago, Illinois, November 2006.
19. **Semelka RC**, Hussain S, Brown M. MR Imaging of the Abdomen and Pelvis: Only the Tough Cases ("How-to" Workshop). Presented at the Annual Meeting of the Radiological Society of North America, Chicago, Illinois, November 2005.
20. **Semelka RC**. Noncirrhotic Liver. Presented at the Annual Meeting of the Radiological Society of North America, Chicago, Illinois, November 2005.
21. Birchard K, **Semelka RC**, Hyslop W, Armao D, Brown A, Firat Z. Suspected Pancreatic Cancer: Evaluation by Gadolinium-enhanced 3D-Gradient Echo MRI. Presented at the Annual Meeting of the Radiological Society of North America, Chicago, Illinois, November 2004.

22. **Semelka RC**, Brown M, Hussain S. MR Imaging of the Abdomen and Pelvis: Only the Tough Cases ("How-to" Workshop). Presented at the Annual Meeting of the Radiological Society of North America, Chicago, Illinois, November 2004.
23. **Semelka RC**. Noncirrhotic Liver. Presented at the Annual Meeting of the Radiological Society of North America, Chicago, Illinois, November 2004.
24. Weeks S, Shrestha R, Gerber D, **Semelka RC**. Liver Transplantation: Imaging and Interventional Strategies ("How-to" Workshop). Presented at the Annual Meeting of the Radiological Society of North America, Chicago, Illinois, November 2003.
25. Shiels W, **Semelka RC**, Bureau N, et. al. Practical Answers for Complex Imaging Questions--Hands-on/How-to: Musculoskeletal Interventional Sonographic Procedures ("Hands-on" Workshop). Presented at the Annual Meeting of the Radiological Society of North America, Chicago, Illinois, November 2003.
26. Shiels W, **Semelka RC**, Debatin J, Johnson C. Practical Answers for Complex Imaging Questions--Hands-on/How-to: CT and MR Colonography ("How-to" Workshop). Presented at the Annual Meeting of the Radiological Society of North America, Chicago, Illinois, November 2003.
27. Kanematsu M, Kondo H, Goshima S, Kato H, Hoshi H, **Semelka RC**. Early-enhancing Pseudolesions with Gadolinium-enhanced MR Imaging of the Liver: Assessment of Frequency, Imaging Characteristics, Causes, and Significance in Correlation with Combined CT Hepatic Arteriography and CT during. Presented at the Annual Meeting of the Radiological Society of North America, Chicago, Illinois, November 2003.
28. Shiels W, **Semelka, RC**, Wong W, Mathis J. Practical Answers for Complex Imaging Questions--Hands-on/How-to: Common Spinal Injection Procedures for Diagnosis and Treatment of Back Pain ("How-to" Workshop). Presented at the Annual Meeting of the Radiological Society of North America, Chicago, Illinois, November 2003.
29. Shiels W, **Semelka, RC**, Wood B, Dupuy D, Wong W. Practical Answers for Complex Imaging Questions--Hands-on/How-to: Radiofrequency and Intraarterial Tumor Ablation ("How-to" Workshop). Presented at the Annual Meeting of the Radiological Society of North America, Chicago, Illinois, November 2003.
30. Lu D, **Semelka RC**. MRI of the Pancreas. Presented at the Annual Meeting of the American Roentgen Ray Society, Atlanta, GA, April 28-May 3, 2002.
31. Hussain SM, **Semelka RC**, Marcos HB, Woosley JT. Perilesional enhancement in liver metastases: MR-pathologic correlation. Presented at the 1999 85th Annual Meeting of

the Radiological Society of North America, Chicago, Illinois, November 28 – December 3, 1999.

32. Hussain SM, **Semelka RC**, Marcos HB, Woosley JT. Chronic hepatitis: correlation of enhancement patterns on dynamic gadolinium-enhanced MRI imaging and histopathology. Presented at the 1999 85th Annual Meeting of the Radiological Society of North America, Chicago, Illinois, November 28 – December 3, 1999.
33. Balci NC, **Semelka RC**, Op de Beeck B, Reinhold C. The 10-minute comprehensive abdominal MRI: comparison with a lengthier MR protocol. Presented at the 1998 Radiological Society of North America 84th Scientific Assembly and Annual Meeting, Chicago, Illinois, November 29 – December 4, 1998.
34. Noone TC, **Semelka RC**, Worawattanakul S, Marcos HB. Intraperitoneal abscesses: diagnostic accuracy and appearances on MR imaging. Presented at the 98th Annual Meeting of the American Roentgen Ray Society, San Francisco, California, April 26 – May 1, 1998.
35. Noone TC, **Semelka RC**, Chaney D, Reinhold C. Comparison of diagnostic accuracy of ultrasound, computed tomography, MR imaging in the same individual. Presented at the 98th Annual Meeting of the American Roentgen Ray Society, San Francisco, California, April 26 – May 1, 1998.
36. Noone TC, **Semelka RC**, Lee JKT, Worawattanakul S, Patt RH, Ascher SM. Sequential use of ferumoxide particles and gadolinium chelate for the evaluation of focal liver lesions on MR imaging. Presented at the 1997 Radiological Society of North America Eighty-third Scientific Assembly and Annual Meeting, Chicago, Illinois November 30-December 5, 1997.
37. O'Malley CM Jr, Ascher SM, Thomasson D, Rajan SS, **Semelka RC**, Zeman RK. Non-breath-hold versus breath-hold T2-weighted fast SE imaging of the uterus. Presented at the 1996 Radiological Society of North America Eighty-second Scientific Assembly and Annual Meeting, Chicago, Illinois December 1 - December 6, 1996.
38. Coche E, Reinhold C, Bret PM, Duguid W, Atri M, **Semelka RC**. MR appearance of pancreatic cystic tumors. Presented at the 1996 Radiological Society of North America Eighty-second Scientific Assembly and Annual Meeting, Chicago, Illinois December 1 - December 6, 1996.
39. Kelekis NL, **Semelka RC**, Jeon HJ, Sallah AS, Shea TC, Woosely JT. Dark ring sign: MR appearance of necrotizing fungal granulomas in patients undergoing treatment with antifungal antibiotics. Presented at the Fourth Scientific Meeting of the International Society for Magnetic Resonance in Medicine, New York City, April 27 - May 3, 1996.

40. Thorp JM, Hyatt S, Brown ED, Kuller JA, **Semelka RC**. Anatomical changes in the pelvic floor after delivery: evaluation with serial magnetic resonance imaging. Presented at the Society for Gynecological investigation 43rd Annual Meeting, Philadelphia, Pennsylvania, March 1996.
41. Reinhold C, Hricak H, **Semelka RC**, Ascher SM, Forstner R, Bret PM. Primary Amenorrhea: Evaluation with MR Imaging. RSNA Meeting, Chicago, Illinois, November 1995.
42. Ramani M, Reinhold C, **Semelka RC**, Ascher AM, Liang L, Bret PM. MR Imaging Characteristics of Splenic Hemangiomas: A Review of 17 Lesions. RSNA Meeting, Chicago, Illinois, November 1995.
43. Kettritz UI, **Semelka RC**, Brown ED, Lawing WL, Colindres RE. MR Imaging Findings in Diffuse Renal Parenchymal Disease. RSNA Meeting, Chicago, Illinois, November 1995.
44. Kelekis NL, **Semelka RC**, DeLange EE, Bis KG, Ascher SM. Hepatocellular Carcinoma: A Multi-institutional Study of Appearance on T1-weighted, T2-weighted, and Serial Gadolinium-enhanced GRE MR Images - Work in Progress. RSNA Meeting, Chicago, Illinois, November 1995.
45. Reinhold C, Hricak H, Forstner R, Ascher S, Meyer WR, Bret PM, **Semelka RC**. Primary Amenorrhea: Evaluation with MR imaging. Meeting of SMR and ESMRMB, Nice France August 19-25, 1995.
46. Braeuning MP, Hemminger BM, **Semelka RC**, Pisano ED, Schiro S. Three-dimensional MR imaging of the breast. Presented at the Annual meeting of the American Roentgen Ray Society, Washington, DC, May 1995.
47. Agrawal R, Bis KG, Ascher SM, **Semelka RC**, Brown ED, Maximovich A. MR Imaging Spectrum of Pelvic Endometriosis with Laparoscopic Correlation. Radiological Society of North America. Scientific Exhibit. Chicago, IL. November 1994.
48. Kim B, **Semelka RC**, Ascher SM, Chaplin D, Carroll P, Hricak H: Bladder Cancer: Comparison of Contrast-Enhanced CT and T₁, T₂, Histopathological Correlation. Radiological Society of North America. Annual Meeting. Chicago, Illinois. November 28-December 3, 1993.
49. **Semelka RC**, Tomei E, Shoenut JP, Ascher SM, Magro CM, Kroeker MA, MacMahon R, Greenberg HM: Renal cancer: Comparison of contrast enhanced CT and gadolinium-enhanced fat suppressed spin echo and breath hold gradient echo MRI. European Society for Magnetic Resonance in Medicine and Biology. Annual Meeting. Rome, Italy. June 3-6, 1993.

50. Cumming M, **Semelka RC**, Shoenut PJ, Yaffe CS, Kroeker MA, Greenberg HM. Islet Cell Tumors: Prospective Comparison of Contrast-enhanced CT and Gd-DTPA-enhanced MR Imaging with FLASH and Fat-Suppression Techniques. Radiological Society of North America. Annual Meeting. Chicago, Illinois, November 29 - December 4, 1992.
51. Recht M, **Semelka RC**, Simm FC, Laub GA, Deimling M. Rapid Liver Imaging: A Comparison of Three Techniques. Society of Magnetic Resonance in Medicine. Annual Meeting. San Francisco, California. August 10-16, 1991.
52. Simm FC, **Semelka RC**, Recht M, Deimling M, Lenz G, Laub GA: Breathhold T2-weighted sequences of the Liver - A Comparison of Four Techniques at High Field Strength. Radiological Society of North America. Annual Meeting. Chicago, Illinois. November 25 - 30, 1990.
53. Auffermann W, Chew WM, Tavares NJ, **Semelka RC**, Parmley W, Higgins CB: Characterization of Cardiac Function and Metabolism in Human Dilated Cardiomyopathy Using Magnetic Resonance Imaging and Spectroscopy. Radiological Society of North America. Annual Meeting. Chicago, Illinois, November 26 December 1, 1989.
54. Tomei E, **Semelka RC**, Wagner S, Mayo J, Chatterjee K, Parmley WW, O'Sullivan M, Wolfe CL, Caputo G, Higgins CB: Assessment of Left Ventricular (LV) Mass in Sequential Studies by Cine MR. Radiological Society of North America. Annual Meeting. Chicago, Illinois, November 26 - December 1, 1989.
55. Wagner S, Chew WM, **Semelka RC**, Tomei E, Caputo G, O'Sullivan M, Chatterjee K, Parmley WW, Wolfe CL, Higgins CB: Integrative Analysis of Cardiac Function and Metabolism in Patients with Idiopathic Hypertrophic Cardiomyopathy with H-1 Cine MR Imaging and P-31 MR Spectroscopy. Radiological Society of North America. Annual Meeting. Chicago, Illinois, November 26 December 1, 1989.
56. Auffermann W, Chew W, Tavares NJ, Parmley WW, **Semelka RC**, Donnelly T, Chatterjee K, Wolfe C, Higgins CB: ³¹P MR Spectroscopy and Cine MR Imaging in Patients with Dilated Cardiomyopathy. Society of Magnetic Resonance in Medicine. Annual Meeting. Amsterdam, August 1989.

Scientific Presentations - Papers (Peer Reviewed):

1. AlOubaidy M, Ramalho M, Busireddy KK, Dale BM, Altun E, Burke L, **Semelka RC**. Surrogate Arterial Phase Imaging Using Long-Duration Free-Breathing Fat- Suppressed Radial 3D Gradient-Recalled Echo Sequence: An Alternative Approach in Patients Unable to Breath-Hold. RSNA 100th, Chicago, USA, November 30 – December 5, 2014
2. Matos A, Ramalho M, Palas J, Herédia V, Veloso Gomes F, **Semelka RC**. Novel Approach on the Characterization of Adrenal Nodules Using Standard Abdominal MRI Protocol. RSNA 99th, Chicago, USA, December 1-6, 2013
3. Heredia V, Ramalho M, Campos RO, Dale B, Azevedo R, Woosley J, **Semelka RC**. Liver vessel cancellation artifact on in-phase and out-of-phase MRI imaging: a sign of ultra-high liver fat content. European Society of Gastrointestinal and Abdominal Radiology (ESGAR 2011), May 22, 2011, Venice, Italy
4. Ramalho M, Heredia V, de Campos ROP, Azevedo RM, Dale BM, **Semelka RC**. In-phase and out-of-phase gradient-echo imaging in abdominal studies: intra- individual comparison of three different techniques. 23rd European Congress of Radiology (ECR 2011), March 7, 2011, Vienna, Austria
5. Ramalho M, de Campos R, Heredia V, Azevedo R, **Semelka RC**. Comparison of three different in-phase and out-of-phase gradient-echo imaging techniques for the characterisation of adrenal lesions at 1.5T: preliminary observations. 23rd European Congress of Radiology (ECR 2011), March 6, 2011, Vienna, Austria
6. Ramalho M, Tsurusaki M, Heredia V, Altun E, **Semelka RC**. Qualitative and quantitative comparison of 3.0T and 1.5T MRI for the liver with chronic liver disease. 20th European Congress of Radiology (ECR 2008), March 2008, Vienna, Austria
7. **Semelka RC**. Approach to Diagnosis of the Difficult Liver Lesion with MRI. ISRM Annual Meeting. Seattle, WA. May 2006.
8. **Semelka RC**. MRI Orthopedics, Abdomen, Arteriography-Current Best Use for Scans, MRI's, etc. High Point, NC. February 2003.
9. **Semelka RC**. How to Perform Body MR. Society of Computed Body Tomography and Magnetic Resonance. Rochester, MN. March 2001.
10. **Semelka RC**. MR Imaging of the Liver. National Diagnostic Imaging Symposium. Lake Buena Vista, Florida. December 2001.

11. **Semelka RC.** MR Imaging of the Pancreas. National Diagnostic Imaging Symposium. Lake Buena Vista, Florida. December 2001.
12. **Semelka RC.** Liver Transplantation: Imaging and Interventional Strategies (“How-to Workshop”). Radiological Society of North America 87th Annual Meeting, Chicago, Illinois. November 2001.
13. **Semelka RC.** Cross-Sectional Imaging of the Pancreas. American Roentgen Ray Society 101st Annual Scientific Meeting. Seattle, WA. April 2001.
14. **Semelka RC.** How to Perform Body MR (D). Society of Computed Body Tomography and Magnetic Resonance 24th Annual Course 2001. South Beach, FL. March 2001.
15. **Semelka RC.** Pancreatic Neoplasms: CT and MR. Radiological Society of North America 86th Annual Meeting, Chicago, Illinois. December 2000.
16. **Semelka RC.** Gastrointestinal MR: Focal Liver Masses. Radiological Society of North America. 86th Annual Meeting, Chicago, Illinois. December 2000.
17. **Semelka RC.** Liver Transplantation: Imaging and Interventional Strategies (“How-to Workshop”). Radiological Society of North America. 86th Annual Meeting, Chicago, Illinois. November 2000.
18. **Semelka RC.** Gastrointestinal Keynote Speaker. Chicago, IL. December 1999.
19. Charnsangavej C and **Semelka RC.** Pancreatic Neoplasms: CT and MR. Chicago, IL. December 1999.
14. Kressel HY, **Semelka RC** and Hamm III BK. Abdominal MR Imaging: Myth versus Reality. Chicago, IL. December 1999.
15. Lee JKT, **Semelka RC**, Ropsky N, Heiken J, Baron R. Battle for Supremacy in Abdominal Imaging: Helical CT versus MR Imaging. Chicago, IL. December 1999.
16. **Semelka RC,** Techniques of Body MRI. St. Mary’s MRI Center. Richmond, Virginia. August 1999
17. **Semelka RC,** Manos H, Mauro M, Cance W. Comparison of current MR techniques and spiral CT arterial protography for detection of liver metastases in 20 patients with surgical proof. Annual Meeting European Congress of Radiology. Vienna, Austria. March 1999.
18. **Semelka RC.** MR Imaging of the Abdomen: Techniques and Image Interpretation. New Orleans, Louisiana. May 1999.

19. **Semelka RC.** MRI Contrast Agents: Educational Course. International Society of Magnetic Resonance in Medicine Annual Meeting, May 1999.
20. Charnsangavej C, **Semelka RC.** Pancreatic Neoplasms: CT and MR. RSNA Refresher Course. Radiological Society of North America. 84th Annual Meeting, Chicago, Illinois, November 29 – December 4, 1998.
21. Kressel HY, Hamm III BK, **Semelka RC.** Abdominal MR Imaging: Myth versus Reality. RSNA Refresher Course. Radiological Society of North America. 84th Annual Meeting, Chicago, Illinois. November 30 – December 5, 1997; November 29 – December 4, 1998.
22. **Semelka RC,** Ascher SM. MR imaging of the abdomen: techniques and image interpretation. ARRS Refresher Course. 98th Annual Meeting of the American Roentgen Ray Society. San Francisco, California. April 26 – May 1, 1998.
23. Charnsangavej C, **Semelka RC.** Pancreatic Neoplasms: CT and MR. RSNA Refresher Course. Radiological Society of North America. 83rd Annual Meeting. Chicago, Illinois, November 30 - December 5, 1997.
24. **Semelka RC.** MR Appearance of Focal Hepatic Lymphoma. European Congress of Radiology. March 2-7, 1997. Vienna, Austria.
25. **Semelka RC.** Focal Liver Lesion Detection and Characterization: Comparison of Single-Phase Spiral CT and MRI. European Congress of Radiology. March 2-7, 1997. Vienna, Austria.
26. **Semelka RC,** et al. Liver Lesion Detection and Characterization: Comparison of Single-Phase Spiral CT and Current MR Techniques. RSNA Refresher Course. Radiological Society of North America. 82nd Annual Meeting. Chicago, Illinois, December 1-6, 1996.
27. **Semelka RC,** Kelekis NL, Thomasson D, Brown MA, Laub GA. Abdominal MR imaging using the HASTE sequence. Presented at the Fourth Scientific Meeting of the International Society for Magnetic Resonance in Medicine, New York City, April 27 - May 3, 1996.
28. **Semelka RC,** Kelekis NL, Molina PL, Sharp T, Calvo B. Pancreatic Cancer Detection: Comparison of Spiral CT and MR Imaging by Using ROC Analysis. Radiological Society of North America, Chicago, Illinois, November 1995.
29. **Semelka RC,** Molina PL, Kelekis N, Sharp T, Calvo B. Pancreatic Cancer Detection: Comparison of Spiral CT and MRI Using ROC Analysis. Meeting of SMR and ESMRMB, Nice France August 19-25, 1995.

30. **Semelka RC**, Loud PA, Kettritz U, Brown JJ, Reinhold C. MR Imaging in Acute Cholecystitis. Meeting of SMR and ESMRMB, Nice France August 19-25, 1995.
31. **Semelka RC**, Kettritz U, Isaacs K, Warshauer DM. Crohn's Disease: Comparison of Gadolinium-Enhanced Fat Suppressed MRI with Clinical Evaluation. Meeting of SMR and ESMRMB, Nice France August 19-25, 1995.
32. **Semelka RC**, Schlund JF, Kettritz U, Weeks SB, Kahlenberg M, Cance WG. Correlation of perfusion abnormalities on CT and immediate post intravenous gadolinium enhanced gradient echo MRI. European Congress of Radiology, Vienna, Austria, March 1995.
33. **Semelka RC**, Kettritz U, Schlund JF, Wilbur K, Eisenberg LB. Comparison of gadolinium chelates with manganese-DPDP for liver lesion detection and characterization. European Congress of Radiology, Vienna, Austria, March 1995.
34. **Semelka RC**, Schlund JF, Molina PL, Willms AB, Kahlenberg M, Mauro MA, Weeks SM, Cance WG. Liver Lesions: Comparison of CT arterial portography and MR imaging with T2-fat-saturated and gadolinium-enhanced sinusoid-phase FLASH for detection, cost and effect on patient care. Radiological Society of North America. Chicago, IL, November 1994.
35. **Semelka RC**, Brown ED, Ascher SM, Patt RH, Bagley AS, Wei L, Edelman RR, Shoenut JP and Brown JJ. Hepatic Hemangiomas: A Multi-Institutional Study Examining Appearances on T2-weighted Images and Serial Post-Gadolinium Gradient-Echo Images. Society of Magnetic Resonance. San Francisco, California. August 7-12, 1994.
36. **Semelka RC**, Larson RE, Bagley AS, Molina PL, Brown ED and Lee JKT. Malignant Hypervascular Liver Lesions: Comparison of Td-Enhanced Sinusoid Phase FLASH, T2FS and Nonequilibrium Phase FLASH and CT, and Characterization by Serial Post-Gd FLASH. Society of Magnetic Resonance Imaging. San Francisco, California, August 7-12, 1994.
37. **Semelka RC**, Shoenut JP, Magro CM, Silverman R, Yaffe CS, Micflikier AB: Inflammatory Bowel Disease: Comparison of Endoscopy and MR Imaging in Assessment of the Type and Severity of Disease at Initial Presentation. Radiological Society of North America. Annual Meeting. Chicago, Illinois November 28 - December 3, 1993.
38. **Semelka RC**, Shoenut JP, Ascher SM, Kroeker MA, Micflikier AB. Solitary liver

metastasis: comparison of dynamic contrast enhanced CT and MRI using T2 fat sat spin echo, FLASH and dynamic gadolinium enhanced FLASH. European Congress of Radiology Annual Meeting, Vienna, Austria, September 12-17, 1993.

39. **Semelka RC**, Shoenut JP, Magro CM, Silverman R, Yaffe CS, Micflikier AB: Inflammatory Bowel Disease: Comparison of Magnetic Resonance Imaging and Endoscopy in Distinguishing type and Severity of Disease. Society of Magnetic Resonance in Medicine. Annual Meeting. New York, NY, August 14-20, 1993.
40. **Semelka RC**, Shoenut JP, Silverman R, Yaffe CS, Micflikier AB: Inflammatory Bowel Disease: Correlation of Gadolinium-enhanced Fat-Suppression MR Imaging and Endoscopy/Surgery. Radiological Society of North America. Annual Meeting. Chicago, Illinois, November 29 -December 4, 1992.
41. **Semelka RC**, Shoenut JP, Lawrence PH, Greenberg HM, Maycher B, Madden TP, Kroeker MA: Adrenal Masses: Comparison of Unenhanced and Gadolinium-enhanced Breath-Hold and Fat-Suppression MR Imaging and Contrast-enhanced CT. Radiological Society of North America. Annual Meeting. Chicago, Illinois, November 29 - December 4, 1992.
42. **Semelka RC**. MR of the Abdomen and Pelvis. Society of Magnetic Resonance in Medicine. Annual Meeting (Advanced MRI Educational Program), August 8-14, 1992, Berlin, Germany.
43. **Semelka RC**, Shoenut JP, Wilson M, Pellech AE, Patton JN: Cardiac masses: MRI signal intensity features on spin echo, gradient echo, and Gd-DTPA enhanced spin echo and TurboFLASH images. 1992 Annual Meeting of the American Roentgen Ray Society, May 10-15, 1992, Orlando, Florida.
44. **Semelka RC**. Recent advances in cardiac MRI: fast imaging and 3D display. International symposium on magnetic resonance imaging and spectroscopy. St. Boniface Hospital Research Centre. Winnipeg, Manitoba, May 8-9, 1992.
45. **Semelka RC**. Abdominal MRI: State of the Art. International symposium on magnetic resonance imaging and spectroscopy. St. Boniface Hospital Research Centre. Winnipeg, Manitoba, May 8-9, 1992.
46. **Semelka RC**, Shoenut JP, Kroeker MA, Kroeker R, Micflikier AB, Silverman R, Yaffe CS: Bowel Disease: Comparison between Intravenous Gd-DTPA-enhanced Fat-suppressed MR Imaging and CT.
47. **Semelka RC**, Shoenut JP, Kroeker MA, Greenberg HM, Simm FC, Minuk GY, Micflikier AB, Kroeker R: Imaging Liver Disease: Prospective Comparison of 1.5T MRI with T2-weighted Fat Suppression, FLASH, and Dynamic Gd-DTPA enhanced FLASH versus Dynamic Contrast-enhanced CT. Radiological Society of North America. Annual Meeting. Chicago, Illinois, December 1-6, 1991.

48. **Semelka RC**, Shoenut JP, Kroeker MA, Madden TP, Kroeker R, Greenberg HM, Micflikier AB, MacMahon R: Renal Masses: Prospective Comparison of Fat Suppression and Pre- and Post-Gd-DTPA FLASH MR Imaging with Contrast-enhanced CT. Radiological Society of North America. Annual Meeting. Chicago, Illinois, December 1-6, 1991.
49. **Semelka RC**, Maycher B, Shoenut JP, Kroeker R, Griffin P, Lertzman M: Single-Breath Whole-Thorax Gd-DTPA-enhanced MR Imaging of Pulmonary Nodules and Interstitial Disease: Comparison with CT. Radiological Society of North America. Annual Meeting. Chicago, Illinois, December 1-6, 1991.
50. **Semelka RC**, Kroeker M, Shoenut JP, Simm FC, Greenberg HM, Micflikier AB. Liver Lesions: Comparison of CT and T2-Weighted Fat-Suppression, Breath-Hold FLASH and Dynamic Gd-DTPA-Enhanced FLASH at 1.5T MRI. European Congress of Radiology. Annual Meeting. Vienna, Austria. September 15-20, 1991.
51. **Semelka RC**, Kroeker M, Shoenut JP, Yaffe CS, Micflikier AB. Optimized Strategies for High Field MRI of the Pancreas: Incorporating Breath-Hold FLASH, Gd-DTPA Enhancement, and Fat Suppression. Society of Magnetic Resonance in Medicine. Annual Meeting. San Francisco, California, August 10-16, 1991.
52. **Semelka RC**, Kroeker M, Shoenut JP, Simm FC, Greenberg HM, Micflikier AB. MRI of the Liver: T₂-Weighted Fat Suppression, Breath-Hold FLASH and Dynamic Gd-DTPA Enhanced FLASH at 1.5T with Comparison to CT. Society of Magnetic Resonance in Medicine. Annual Meeting. San Francisco, California, August 10-16, 1991.
53. **Semelka RC**, Hricak H, Stevens SK, Tomei E, Carroll PR: Renal Masses: Detection and Characterization with Combined Fat Saturation and Gd-DTPA-Enhanced MR Imaging. Annual Meeting. Chicago, Illinois, November 25-30, 1990.
54. **Semelka RC**, Simm FC, Recht M, Deimling M, Lenz G, Secht H, Laub GA. Strategies for Optimized MRI of the Pancreas at High Field. Radiological Society of North America. Annual Meeting. Chicago, Illinois, November 25-30, 1990.
55. **Semelka RC**, Simm FC, Recht M, Deimling M, Lenz G, Laub GA: T1-weighted Sequences of the Liver - A Comparison of Three Techniques for Single Breath Whole Volume Acquisition at High Field Strength. Radiological Society of North America. Annual Meeting. Chicago, Illinois. November 25 - 30, 1990.
56. **Semelka RC**, Hricak H, Tomei E, Floth A, Stoller M: Dynamic Gd-DTPA Enhanced MR Imaging to Distinguish Dilated Nonobstructed, Acutely and Chronically Obstructed Kidneys. The Radiological Society of North America. Annual Meeting. Chicago, Illinois. November 26 - December 1, 1989.

57. **Semelka RC**, Chew WM, Hricak H, Higgins CB: Improved MR Imaging in the Upper Abdomen with Fat Saturation Imaging Technique. The Radiological Society of North America. Annual Meeting. Chicago, Illinois, November 26-December 1, 1989.
58. **Semelka RC**, Tomei E, Wagner S, Mayo J, Kondo C, Caputo G, Higgins CB: Reproducibility of Cardiac Measurements by Cine MR in Normal Volunteers Between Sequential Studies. Association of University Radiologists Annual Meeting. Seattle, Washington, May 1989.
59. **Semelka RC**, MacEwan DW: Diagnosis of Colon Cancer, Quo Vadis. Canadian Association of Radiologists. Annual Meeting, Ottawa, June 1985

Book Reviews:

Compos Z, Narumi Y, Hricak H. Pocket Atlas of MRI of the Pelvis. Raven Press, New York, 1992; 127 pp. *Investigative Radiology*, 1994; 29:261.

Mitchell DG, Stark DD. Hepatobiliary MRI: A Text-Atlas at Mid and High Field. Mosby Yearbook, St. Louis 1992; 304 pp. *Investigative Radiology*, 1994; 29:261.

Higgins CB, Hricak H, Helms CA. Magnetic Resonance Imaging of the Body (2nd edition). Raven Press. New York, 1993 for *Investigative Radiology*.

Partial List of Former Scholars Trained in Body MRI

Ute Kettritz, MD
Associate Professor of Radiology
Charité University
Berlin, Germany

Nikolaos Kelekis, MD
Associate Professor and Vice Chair
Department of Radiology
University of Athens
Athens, Greece

N. Cem Balci, MD
Associate Professor
Department of Radiology
St. Louis University
St. Louis, Missouri

Alexander B. Lukiancheko, MD, PhD. DSc
Professor and Head MRI
Department of Radiology
Cancer Research Center
Moscow, Russia

Nadia Gourova, MD
Professor and Head of Division of Digital Radiology, Mammography, CT, MRI
President's Medical Center
Moscow, Russia

Shinichi Hasegawa, MD
Associate Professor
Department of Radiology
Hamamatsu Medical Center
Hamamatsu, Japan

Shahid M. Hussain, MD
Professor and Head Abdominal Imaging
University of Nebraska Medical Center
Omaha, Nebraska

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Jae-Joon Chung, MD
Associate Professor
Department of Radiology
Yonsei University Hospital
South Korea

Diego Martin, MD, PhD, FRCPC
Head, Department of Medical Imaging,
University of Arizona College of Medicine
Tucson, Arizona

Till R. Bader, MD
Associate Professor and Director Body and Cardiovascular MRI
Department of Radiology
University of Vienna
Vienna, Austria

Masayuki Kanematsu, MD
Associate Professor
Department of Radiology
Gifu University
Japan

Maria Danet, MD
Assistant Professor
Department of Radiology
Montreal University
Montreal, Canada

Lara B. Eisenberg, MD
Chair
Department of Radiology
Sibley Memorial Hospital
Washington, DC

Larissa Braga, MD, PhD, MPH
University of Nebraska Medical Center
Assistant Professor Candidate
Omaha, Nebraska

Jorge Elias Jr, MD, PhD
Radiology Division
University of Sao Paulo
Ribeirao Preto, Sao Paulo, Brazil

Visiting Professorships and Lectureships- International

1. Intrahepatic Cholangiocarcinoma
Leaping Forward Oncology
International Clinical Congress
Lisbon, Portugal
May 2017
2. MRI of the Abdomen: How I do It
Beacon Hospital, Paris France
Oct 2014
3. Judicious use of biopsy in the setting of liver MRI
International Radiology Conference
Dammam University
Saudi, Arabia
Jan 2014
2. Managing artifacts in body MRI
International Radiology Conference
Dammam University
Saudi, Arabia
Jan 2014
3. Pancreas MRI
International Radiology Conference
Dammam University
Saudi, Arabia
Jan 2014
4. How to Address Vascular Imaging Quandaries In
Body Imaging with MRI
International Radiology Conference
Dammam University
Saudi, Arabia
Jan 2014
5. MRI of Gastrointestinal Tract
International Radiology Conference
Dammam University
Saudi, Arabia
Jan 2014
6. Ressonância magnética do corpo: rápida e eficiente
Ressonância magnética das vias biliares
Ressonância magnética do trato gastrointestinal
Ressonância magnética dos rins
Oct 2013

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- Ressonância magnética das adrenais
42nd Brazilian Congress of Radiology and
27th Brazilian Congresso of Nuclear Medicine
Curitiba, Brazil
7. To Biopsy or Not to Biopsy Sep 2013
15th Annual Western Canadian Gastrointestinal
Cancer Consensus Conference
Winnipeg, Canada
 8. Perform Body MRI Studies Jul 2013
University of Vienna
Vienna, Austria
 9. How to manage Artifacts in Body MRI Jul 2013
Sapienza University
Rome, Italy
 10. Rare liver tumors and unusual appearances of liver tumors: May 2013
Imaging findings
Paris Hospital
Paris, France
 11. Body MRI: fast, efficient and comprehensive Sep 2012
Update in Abdominal and Urogenital
Bruges, Belgium
 12. Imaging of Renal and a Adrenal Tumors Sep 2012
Update in Abdominal and Urogenital
Bruges, Belgium
 13. Case Review of Body MRI for the Radiology Residents May 2012
University of Manitoba
Manitoba, Canada
 14. MRI of the Abdomen: Fast, Efficient, Comprehensive Jan 2012
2nd African Radiology Conference (ASR 2012)
Alexandria, Egypt
 15. MRI of the Pancreas Jan 2012
2nd African Radiology Conference (ASR 2012)
Alexandria, Egypt
 16. MRI of the Kidneys Jan 2012
2nd African Radiology Conference (ASR 2012)

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Alexandria, Egypt

17. MRI of the Liver Jan 2012
2nd African Radiology Conference (ASR 2012)
Alexandria, Egypt
18. MRI of the Gastrointestinal Tract Oct 2011
Hospital Universitari Vall d'Hebron
Barcelona, Spain
19. MRI of the Gastrointestinal Tract Oct 2011
University of Manitoba
Manitoba, Canada
20. The Medical University of Vienna Sep 2011
Body MRI: Pediatric Developments
Vienna, Austria
21. The Medical University of Vienna Sep 2011
Body MRI: Fast, Efficient and Comprehensive
Vienna, Austria
22. 2011 Annual ISMRM Meeting May 2011
The Difficult Liver with Cancer – Diagnosis with MRI
Montreal, Canada
23. The Cali Medical Center Feb 2011
Current Status of Body MRI
Cali, Columbia
24. MRI of the Abdomen: Current Approach Sep 2010
University of Manitoba
Manitoba, Canada
25. Magnetic Resonance of the Pancreas Jun 2010
ISMRM Global Outreach Meeting
Mexico City, Mexico
26. Kidneys and Adrenals Jun 2010
ISMRM Global Outreach Meeting
Mexico City, Mexico
27. The Advantages of MR Jun 2010
ISMRM Global Outreach Meeting
Mexico City, Mexico

28. The Difficult Liver with Cancer: Diagnosis with MRI
International Society for MR in Medicine
ESMRMB Joint Meeting
Stockholm, Sweden
Apr/May 2010
29. MRI of the liver and MRI of the Pancreas
Chiang Mai University
Chiang Mai, Thailand
Apr 2010
30. International Conference on Radiation Medicine
King Faisal Specialist Hospital and Research Centre
CT Studies and Risks of Medical Radiation,
Risks in Radiology: Radiation, Contrast Induced
Nephropathy and Nephrogenic Systemic Fibrosis,
How I Do Liver MRI Studies, Body MRI: The Future
Direction for Patient Safety
Riyadh, Saudi Arabia
Mar 2010
31. 2nd CardioEvent: Cardiology Towards the Future
Innovation in Cardiology
Florence, Italy
Jan 2010
32. Grand Rounds
Body MR at 3T Opportunities and Challenges Meeting
Winnipeg, Canada
Sep 2009
33. Educational course "l'essenziale in RM body
University of Latina
Latina, Italy
May 2009
34. Health Risks from Medical Radiation in CT
Institute for Cardiovascular Research
Lucca, Italy
May 2009
35. 3T body MRI Current Benefits and Challenges
La Sapienza University
Rome, Italy
May 2009
36. 2nd Arab Radiology Congress
PAARS
Cairo, Egypt
Apr 2009
37. Review and Evaluation of MRI Equipment
Siemens Research Meeting
Mar 2009

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Erlangen, Germany

38. MR Presentation Sep 2008
Siemens Healthcare
Serbia
39. MR Presentation Sep 2008
Siemens Healthcare
Croatia
40. MR Presentation Sep 2008
Siemens Healthcare
Erlangen, Germany
41. Visiting Professor Jul 2008
University of Manitoba
Winnipeg, Canada
42. MultiHance Workshop May 2008
Tangdu Hospital
Xi'an, China
43. MultiHance Seminar May 2008
Jiuzhai Paradise InterContinental Resort
Jiuzhai, China
44. ECR Mar 2008
How to Maximize the Risk-Benefit Ratio of Contrast
Enhanced MRI in at Risk Patients
Vienna, Austria
45. The Canberra Hospital Oct 2007
Body MR: How to Perform It Oct
Canberra, Australia
46. The Canberra Hospital Oct 2007
MRI of the Gallbladder and Biliary Tree
Canberra, Australia
47. The Canberra Hospital Oct 2007
Liver MRI: The Comprehensive Approach
Canberra, Australia
48. The Canberra Hospital Oct 2007
MRI of the Pancreas

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Canberra, Australia

49. The Canberra Hospital
MRI of the Kidney
Canberra, Australia
Oct 2007
50. Royal Children's Hospital
Liver MRI: The Comprehensive Approach to
Studying the Liver
Brisbane, Australia
Oct 2007
51. Royal Children's Hospital
MRI of the Gallbladder and Biliary Tree
Brisbane, Australia
Oct 2007
52. Royal Children's Hospital
Approach to the Unknown Liver Lesion
Brisbane, Australia
Oct 2007
53. Royal Children's Hospital
MRI of the Pancreas
Brisbane, Australia
Oct 2007
54. 58th Annual Royal Australian and New Zealand
College of Radiology Meeting
MR Pancreatography
Melbourne, Australia
Oct 2007
55. 1st Arab Radiological Conference
MRI of diffuse liver disease: seeing things that no
other modality can.
Dead Sea, Jordan
Apr 2007
56. 1st Arab Radiological Conference
MRI of focal liver disease: Unmatched diagnostic ability.
Dead Sea, Jordan
Apr 2007
57. 1st Arab Radiological Conference
MRI of the abdomen: safe, efficient and accurate.
Dead Sea, Jordan
Apr 2007
58. 1st Arab Radiological Conference
MRI of the Pancreas
Dead Sea, Jordan
Apr 2007

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59. 1st Arab Radiological Conference Apr 2007
MRI of diffuse liver disease: Seeing Things That
No Other Modality Can.
Dead Sea, Jordan
60. Society of Computed Body Tomography and Magnetic Aug 2006
Resonance 15th Summer Practicum
MRI Evaluation of Focal Liver Lesions
Quebec City, Canada
61. Society of Computed Body Tomography and Magnetic Aug 2006
Resonance 15th Summer Practicum
MRI of Pancreatic Carcinoma
Quebec City, Canada
62. Society of Computed Body Tomography and Magnetic Aug 2006
Resonance 15th Summer Practicum
MRI Abdomen Practical Considerations
Quebec City, Canada
63. Visiting Professional Jun 2006
University College Hospital
London England
64. Presenter Mar 2006
European Congress of Radiology
Vienna, Austria
65. 1st Joint Course SMRI and ISMRM in Magnetic Resonance Oct 2005
“State of the Art” MRI of the Cirrhotic Liver
Mexico City, Mexico
66. 1st Joint Course SMRI and ISMRM in Magnetic Oct 2005
Resonance “State of the Art” Whole Body MR Imaging
Mexico City, Mexico
67. 1st Joint Course SMRI and ISMRM in Magnetic Resonance Oct 2005
“State of the Art” MRI of the Kidneys and Adrenals
Mexico City, Mexico
68. 1st Joint Course SMRI and ISMRM in Magnetic Resonance Oct 2005
“State of the Art” Whole Body MR Imaging
Mexico City, Mexico
69. 1st Joint Course SMRI and ISMRM in Magnetic Resonance Oct 2005

- “State of the Art” MRI of the Gastrointestinal Tract
Mexico City, Mexico
70. 1st Joint Course SMRI and ISMRM in Magnetic Resonance Oct 2005
“State of the Art” MR of the Liver: Diffuse Lesions
Mexico City, Mexico
71. 1st Joint Course SMRI and ISMRM in Magnetic Resonance Oct 2005
“State of the Art” MR of the Pancreas
Mexico City, Mexico
72. 25th Congress Central American Radiology Society Oct 2005
MRI of the Pancreas
Panama City, Panama
73. 25th Congress Central American Radiology Society Oct 2005
MRI of the Cirrhotic Liver
Panama City, Panama
74. Society of Computed Body Tomography and Magnetic Oct 2005
Resonance
MRI of Pancreatic Carcinoma
MRI Evaluation of Focal Liver Lesions
75. İleri Görüntüleme Uygulamaları Uygulamaları Mar 2005
Sempozyumu
Whole Body MRI Faster and Better
Istanbul, Turkey
76. Presenter Mar 2005
European Congress of Radiology
Vienna, Austria
77. Hepatic Imaging – Future Directions: Future Dec 2004
Horizons in MRI of the Liver
Asian Pacific Association for the Study of the Liver
New Dehli, India
78. Focal Hepatic Lesions in Normal and Diseased Liver Dec 2004
Asian Pacific Association for the Study of the Liver
New Dehli, India
79. Techniques of Liver Imaging: Hepatic MR-How I Do It Dec 2004
Asian Pacific Association for the Study of the Liver
New Dehli, India

80. MRI of the Pancreas
XXXIII Congresso Brasileiro de Radiologia
Rio de Janeiro Nov 2004
81. MRI of Focal Liver Disease
XXXIII Congresso Brasileiro de Radiologia
Rio de Janeiro Nov 2004
82. MRI of the Abdomen: How I Do It
XXXIII Congresso Brasileiro de Radiologia
Rio de Janeiro Nov 2004
83. MRI of the Pancreas
Atlantic Radiology Conference
Halifax, Nova Scotia Oct 2004
84. MRI of the Abdomen: How I Do It
Atlantic Radiology Conference
Halifax, Nova Scotia Oct 2004
85. MRI of the Liver: Distinguishing Benign from
Liver Malignant Lesions
Atlantic Radiology Conference Oct 2004
86. Halifax, Nova Scotia
MRI of the Pancreas: How to Approach the Challenge
Vienna – State of the Art MRI
Vienna, Austria Sep 2004
87. MRI of Benign and Malignant Liver Lesions: How I Tell
Them Apart
Vienna – State of the Art MRI
Vienna, Austria Sep 2004
88. MRI of the Abdomen – Comprehensive
and Efficient Imaging
Vienna – State of the Art MRI
Vienna, Austria Sep 2004
89. Detection and Staging of Abdominal Cancers with MRI
Vienna – State of the Art MRI
Vienna Austria Sep 2004
90. MRI vs. CT of Peritoneal Carcinomatoses Jun 2004

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- 23rd International Congress of Radiology
Montreal Canada
91. MRI in HCC Surveillance Jun 2004
23rd International Congress of Radiology
Montreal Canada
92. MRI of Diffuse Liver Disease Jun 2004
23rd International Congress of Radiology
Montreal Canada
93. Co-Moderator Workshop Advanced MRI of the Abdomen May 2004
ISMRM Meeting
Kyoto, Japan
94. Presenter MRI of the Pancreas May 2004
ISMRM Meeting
Kyoto, Japan
95. MRI of the Abdomen-State-of-the-art Imaging and Oct 2003
Future Outlook
Burg Oberkapfenberg
Kapfenberg
Styria, Austria
96. Visiting Professor Sep 2003
University of Manitoba
Manitoba, Canada
97. MRI of the Abdomen-State-of-the-art Imaging and Jul 2003
ISMRM Meeting
Toronto, Canada
98. Section for Magnetic Resonance Technologists May 2003
12th Annual Meeting
Metro Toronto Convention Centre
Toronto, Ontario, Canada
99. Presenter Mar 2003
European Congress of Radiology
Vienna, Austria
100. MRI of the Duodenum Jul 2002
Italian Gastrointestinal Society Meeting
Rome, Italy

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| 101. MRI of the Liver
CT/MR Course
La Sapienza University
Rome, Italy | Jul 2002 |
| 102. MRI of the Abdomen: Clinical Role and Future
Prospects | Jul 2002 |
| 103. MRI of the Liver
MRI of the Abdomen
LaGuardia University
Milan, Italy | Jun 2002 |
| 104. Abdominal MRI and MRA:
Clinical practice of today and tomorrow
The Netherlands | May 2002 |
| 105. New Horizons in MRI of the Abdomen and Pelvis
University Klinik für Radiodiagnostik
Wien Vorstand
Wahringer Gurtel Wien | May 2002 |
| 106. Lymph Nodes and Spleen
Erasmus Course Magnetic Resonance Imaging Meeting
Brussels, Belgium | May 2001 |
| 107. Future perspective of MR Abdomen
Brussels, Belgium | May 2001 |
| 108. Hepatic MRI: A Pattern Recognition Approach
International Society of Magnetic Resonance in
Medicine Annual Meeting
Glasgow, Scotland | Apr 2001 |
| 109. MRI of Endocrine Tumors of the Abdomen
9 th International MRI Symposium
Garnishch-Partenkirchen, Munchen | Jan 2001 |
| 110. Abdominal MRI/MRA
The 2 nd Gold Coast Medical Imaging Conference
Gold Coast Queensland, Australia | Aug 2000 |
| 111. MRI of the Pancreas
Abdominal MRI: Clinical Practice today and tomorrow | Jun 2000 |

RICHARD C. SEMELKA, M.D.
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Zeist, The Netherlands

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| 112. MRI of Benign Liver Lesions
Abdominal MRI: Clinical Practice today and tomorrow
Zeist, The Netherlands | Jun 2000 |
| 113. MRI of the Abdomen
Hong Kong Radiological Society
Hong Kong, Japan | Nov 1999 |
| 114. Body MRI
Liver MRI: Techniques and contrast agents
Turkey | Oct 1999 |
| 115. Pancreas MRI
Hacettepe University
Ankara, Turkey | Oct 1999 |
| 116. Body MRI: Current Status
University of Istanbul
Istanbul, Turkey | Oct 1999 |
| 117. Body MRI: Current Status
University of Athens
Athens, Greece | Oct 1999 |
| 118. Body MRI: How and Why?
MRCP and Bowel MRI
The 12 th International Somerset MRI Course
Somerset, UK | Oct 1999 |
| 119. MRI of the Abdomen
STAR Program
Kuala Lumpur | Oct 1999 |
| 120. MRI of the Liver
STAR Program Kuala
Kuala Lumpur | Oct 1999 |
| 121. MRI of the Kidneys and Adrenals
Canadian Association of Radiologists
Canada | Sep 1999 |
| 122. MRI of the Abdomen
European Society of Oncology | Jun 1999 |

RICHARD C. SEMELKA, M.D.
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Moscow, Russia

- | | | |
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| 123. | MRI of the Liver:
European Society of Oncology
Moscow, Russia | Jun 1999 |
| 124. | MRI of the Pancreas
European Society of Oncology
Moscow, Russia | Jun 1999 |
| 125. | MRI of the Abdomen
Armed Services Hospital
St. Petersburg, Russia | Jun 1999 |
| 126. | MRI of the Liver: Techniques and Contrast Agents
Japanese Association of Tomography
Hamamatsu, Japan | Nov 1998 |
| 127. | MRI of the Abdomen: Imaging Approaches
Japanese Association of Tomography
Hamamatsu, Japan | Nov 1998 |
| 128. | High Speed Imaging of the Liver and Pancreas
Annual Meeting of the ISMRM
Vancouver, Canada | Apr 1997 |
| 129. | Body MRI: State-of-the-Art
West Coast Radiology Club
Finland | Oct 1996 |
| 130. | Technical Aspects of Abdominal MRI
Sophia Hemmet
Advances in Diagnostic Radiology
Sweden | Oct 1996 |
| 131. | MRI of the Liver
Sophia Hemmet
Advances in Diagnostic Radiology
Sweden | Oct 1996 |
| 132. | Continued MRI of the Liver and MRI of the Spleen
Sophia Hemmet
Advances in Diagnostic Radiology
Sweden | Oct 1996 |

RICHARD C. SEMELKA, M.D.
CURRICULUM VITAE
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133. MRI of the Pancreas Oct 1996
Sophia Hemmet
Advances in Diagnostic Radiology
Sweden
134. MRI of the Kidneys, Adrenals and Retroperitoneum Oct 1996
Sophia Hemmet
Advances in Diagnostic Radiology
Sweden
135. MRI of the bowel Oct 1996
Sophia Hemmet
Advances in Diagnostic Radiology
Sweden
136. Future Aspects of MRI Oct 1996
Sophia Hemmet
Advances in Diagnostic Radiology
Sweden
137. MRI of the Alimentary Tract with CT Correlation Sep 1996
Berliner-Birchow Symposium
Abdominelle Diagnostik und Intervention
Berlin
138. Technical Factors in MRI Body Imaging Aug 1996
Gold Coast MRI and CT Conference
Royal Australasian College of Radiologists
Australia
139. MRI Liver with CT Correlation Aug 1996
Gold Coast MRI and CT Conference
Royal Australasian College of Radiologists
Australia
140. MRI Kidney, Pancreas Aug 1996
Gold Coast MRI and CT Conference
Royal Australasian College of Radiologists
Australia
141. Body MRI Aug 1996
Gold Coast MRI and CT Conference
Royal Australasian College of Radiologists
Australia

RICHARD C. SEMELKA, M.D.
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142. MRI of the Kidneys with CT Correlation
Schering Training in Advances in Radiology
STAR - Jeddah/Riyadh
Saudi Arabia
Oct/Nov 1995
143. MRI of the Liver with CT Correlation
Schering Training in Advances in Radiology
STAR - Jeddah/Riyadh
Saudi Arabia
Oct/Nov 1995
144. MRI and CT of the Retroperitoneum
Schering Training in Advances in Radiology
STAR - Jeddah/Riyadh
Saudi Arabia
Oct /Nov 1995
145. MRI of the Spleen
Advanced Magnetic Resonance
International Conference, Klinikum Grossharden
Munich, Germany
Sep 1995
146. MRI of Malignant Disease of the Pancreas
Advanced Magnetic Resonance
International Conference, Klinikum Grossharden
Munich, Germany
Sep 1995
147. Modern MRI and CT of the Liver
Schering Training in Advances in Radiology
Manilla and Cebu City
The Philippines
May 1995
148. MRI and CT of the Kidney
Schering Training in Advances in Radiology
Manilla and Cebu City
The Philippines
May 1995
149. MRI of the Pancreas and Retroperitoneum
Schering Training in Advances in Radiology
Manilla and Cebu City
The Philippines
May 1995
150. MRI of the Pancreas with CT Correlation
Universita Cattolica Del Sacro Cuore Roma
Rome, Italy
Mar 1995

RICHARD C. SEMELKA, M.D.
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151. MRI of the Diseases of the Biliary Tree Mar 1995
Univerrsità Cattolica Del Sarco Cuore Roma
Rome, Italy
152. Research Projects in Abdominal MRI Mar 1995
University of La Sapienza
Rome, Italy
153. MR imaging of liver with CT correlation. Oct 1994
STAR Schering Training in Advances in Radiology
Rio de Janeiro, and Sao Paulo, Brazil
154. MR of the kidney with CT correlation Oct 1994
STAR Schering Training in Advances in Radiology
Rio de Janeiro, and Sao Paulo, Brazil
155. MR imaging of the pancreas with CT correlation Oct 1994
STAR Schering Training in Advances in Radiology
Rio de Janeiro, and Sao Paulo, Brazil
156. Dynamic Gadolinium Enhanced Breath Hold MR Jan 1993
imaging of Normal Lungs, and Patients with Interstitial
Lung Disease and Pulmonary Nodules.
Internationales Kernspintomographie Symposium-MR '93
157. MRI of the Abdomen April 1992
Department of Radiology Grand Rounds
University of Manitoba
Winnipeg, Canada
158. MRI of the Cardiovascular System Jan 1992
Department of Medicine Grand Rounds
University of Manitoba
Winnipeg, Canada
159. MRI of the Genito-urinary System Jan 1992
Section of Urology Rounds
University of Manitoba
Winnipeg, Canada
160. MRI of Malignant Disease of Abdomen and Pelvis Oct 1991
Radiation Oncology Research Seminar
University of Manitoba
Winnipeg, Canada

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161. MRI Scanning in General Surgery Oct 1991
Section of Surgery Rounds
St. Boniface General Hospital
Winnipeg, Canada
162. Imaging Department of Nephrology Grand Rounds May 1991
St. Boniface
St. Boniface General Hospital, Winnipeg
163. MRI of the Kidneys Anatomical and functional Jan 1991
St. Boniface General Hospital,
Winnipeg, Canada
164. Imaging Department of Nephrology Grand Rounds May 1991
St. Boniface General Hospital
Winnipeg, Canada
165. Evaluation of blood flow and ventricular Oct 1990
function in athletes with MRI. Coauthors:
E. Mueller, G.A. Laub. International Symposium
on Sports Medicine. "The safety of the athlete in Olympic
Sports"
Assisi, Italy
166. The role of fat suppression in imaging the upper Oct 1990
abdomen. Coauthors: F.C. Simm, M. Deimling,
G.A. Laub. European Seminars on Diagnostic
Imaging 1990. "Magnetic Resonance Imaging of
the Abdomen."
L'Aquila, Italy
167. Advances in liver MRI Oct 1990
Breathhold studies
University of Rome
Rome, Italy
168. Importance of sequence optimization in Oct 1990
breathhold and fat suppression studies
Schering Contrast Research Group
Berlin, Germany
169. Breathhold imaging of the liver with T1- and Aug 1990
T2-weighting
University of Prague
Prague

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- | | | |
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| 170. | Fat suppression and contrast-enhancement
in the evaluation of renal masses
Steglitz Clinic
Free University of Berlin
Berlin, Germany | Jun 1990 |
| 171. | Contrast-enhanced studies-role of dynamic
acquisition and fat saturation in MRI.
Schering Contrast Research Group
Berlin, Germany | Jun 1990 |
| 172. | MRI advances in cardiac and abdominal imaging
MRI Section
Siemens
Erlangen, Germany | Apr 1990 |
| 173. | Plenary lecture. The Role of Non- invasive
Procedures in Cardiac Diagnosis
Magnetic Resonance *Imaging
XI World Congress of Cardiology
Manila, Philippines | Feb 1990 |
| 174. | Radiology Grand Rounds
Double Contrast Barium Enema vs.
Colonoscopy in the Diagnosis of Colon Cancer
Health Sciences Centre
Winnipeg, Canada | Jan 1988 |
| 175. | Grand Rounds
CT of Complicated Pancreatic
Concordia General Hospital
Inflammatory Disease
Winnipeg, Canada | Feb 1987 |
| 176. | Grand Rounds
Concordia General Hospital
Winnipeg, Canada
Diagnosis of Colon Cancer - The
Manitoba Experience
Manitoba, Canada | Feb 1986 |

Visiting Professorships and Lectureships - National

1. Dialogue with The Joint Commission: New Diagnostic Imaging Standards for CT and MR. 2015 RSNA. Chicago, IL Dec 2015
2. MRI of the Lungs: Imaging the Last Frontier keynote speaker at the 3rd Asian Congress of Thoracic Imaging in Taipei, Taiwan. Mar 2015
3. Jalil Farah, M.D. Annual Radiology Conference 2014 Advances in Body Imaging with Emphasis on MRI Auburn Hills Marriott Pontiac at Centerpoint Beaumont, TX Sep 2014
4. Is it Time We Obtain Informed Consent for CT Imaging? UCSF Virtual Symposium: Radiation Safety in CT San Francisco, CA May 2013
5. MRA Safety Considerations for the Cardiovascular Patient Advances in MRA Curriculum Development Meeting Washington, DC Apr 2013
6. Radiologists and Malpractice: From Bias to Verdict. North Carolina American College of Radiology's annual chapter meeting. Durham, NC Mar 2013
7. ACR Quality and Safety 2013 American College of Radiology's Annual Conference on Quality And Safety. Scottsdale, AZ Feb 2013
8. Body MRI: Fast, Efficient and Comprehensive LARS 65th Annual Midwinter Meeting Pasadena, CA Jan 2013
9. Pancreas MRI: Current Clinical Practices LARS 65th Annual Midwinter Meeting Pasadena, CA Jan 2013

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10. Renal and Adrenal Masses on MRI
LARS 65th Annual Midwinter Meeting
Pasadena, CA Jan 2013
11. Solving Vascular Conundrums with MRI
LARS 65th Annual Midwinter Meeting
Pasadena, CA Jan 2013
12. Body MRI: How I Do It
University of Texas Medical Branch
Galveston, Texas Mar 2012
13. Pancreas MRI
University of Texas Medical Branch
Galveston, Texas Mar 2012
14. Safety in Radiology Medical Radiation & Contrast Agents
University of Texas Medical Branch
Galveston, Texas Mar 2012
15. Motion Resistant Techniques for Body MRI
2012 RSNA Refresher Course
Chicago, IL Nov 2012
16. ACR 5th Annual MRI Program
Liver Tumors
Atlanta, GA Jun 2011
17. ACR 5th Annual MRI Program
Pancreas: Tumors
Atlanta, GA Jun 2011
13. ACR 5th Annual MRI Program
“Imaging Gently Wisely”
Atlanta, GA Jun 2011
19. ACR 5th Annual MRI Program
Contrast Agents and Safety
Atlanta, GA Jun 2011
20. 2011 AOCR Meeting
Pancreas
Palm Beach, FL Apr 2011
21. 2011 AOCR Meeting Apr 2011

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- Safety: Radiation and Contrast Agents
Palm Beach, FL
22. 2011 AOCR Meeting
Biliary and MRCP Imaging
Palm Beach, FL
Apr 2011
 23. University of Florida
Body MRI: Rare and Wonderful Diseases
Gainesville, FL
Feb 2011
 24. University of Florida
Liver MRI" (@ brain institute)
Gainesville, FL
Feb 2011
 25. ACR 4th Annual Body MRI Program
Pancreas Tumors: Comprehensive Review
Arlington, VA
Mar 2010
 26. ACR 4th Annual Body MRI Program
Liver Tumors
Arlington, VA
Mar 2010
 27. ACR 4th Annual Body MRI Program
Chronic Liver Disease and Transplantation
Arlington, VA
Mar 2010
 28. San Diego Radiological Society
LaJolla, CA
Dec 2009
 29. ACR Education Center Course
Body MR
Reston, VA
Sept 2009
 30. MRI Customer Workshop
MRI Demonstrations
Philadelphia, PA
July 2009
 31. MR Protocols Meeting
RXperience
Coral Gables, FL
May 2009
 32. Content Development Meeting
RXperience
Coral Gables, FL
May 2009

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33. ACR 3rd Annual Body MRI Update
Technical Advances: 3T and the Patient Who Moves
Washington, DC Mar 2009
34. ACR 3rd Annual Body MRI Update
Tumor Imaging: Liver and Bile Ducts
Washington, DC Mar 2009
35. ACR 3rd Annual Body MRI Update
Liver: Difficult Cases
Washington, DC Mar 2009
36. ACR 3rd Annual Body MRI Update
Chest
Washington, DC Mar 2009
37. UNOS Meeting
Liver Transplant
Chicago, IL Nov 2008
38. Practical Body MRI by the Experts
Berkeley, CA Jul 2008
39. Pacific Northwest Radiological Society
Radiation and CT
Portland, OR Apr 2007
40. Pacific Northwest Radiological Society
Body MRI How I Do It
Portland, OR Apr 2007
41. ISMRM
Abdominal MR Practical Approach
Tampa, FL Mar 2007
42. ISMRM
MRI of Biliary System/MRCP
Tampa, FL Mar 2007
43. ISMRM
MRI of the Pancreas
Tampa, FL Mar 2007
44. Northwestern University Mar 2007

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- Imaging at Saddlebrook Hot Topics in MRI and CT
Tampa, FL
45. MR Imaging of the Abdomen and Pelvis: Only the Tough Cases (“How-to” Workshop)
2005 RSNA Refresher Course
Chicago, IL
Dec 2005
 46. Liver MR Imaging: Technique and Advanced Imaging
Noncirrhotic Liver
2005 RSNA Refresher Course
Chicago, IL
Nov 2005
 47. Liver Issue
Radiological Clinics of North America
University of Virginia SOM
Charlottesville, VA
Sep 2005
 48. MRI Evaluation of Focal Liver Lesions
SCBT/MR Summer Practicum
Napa, CA
Aug 2005
 49. MRI of the Abdomen: Practical Considerations
SCBT/MR Summer Practicum
Napa, CA
Aug 2005
 50. MRI of Pancreatic Carcinoma
SCBT/MR Summer Practicum
Napa, CA
Aug 2005
 51. MRI of Liver Fibrosis
NIH Conference on Liver and Kidney Fibrosis Imaging
Methodologies
NIH – Bethesda, MD
Apr 2005
 52. Liver MR Imaging: Techniques and Advanced Imaging
2004 RSNA Refresher Course
Chicago, IL
Nov 2004
 53. MR Imaging of the Abdomen and Pelvis: Only the Tough Cases (“How-to” Workshop)
2004 RSNA Refresher Course
Chicago, IL
Nov 2004

54. MRI of the Abdomen
Advances in Body MR
New Orleans, LA
Oct 2004
55. MRI of the Liver: Distinguishing Benign from Malignant
Liver Lesions
Advances in Body MR
New Orleans, LA
Oct 2004
56. MRI of the Pancreas
Advances in Body MR
New Orleans, LA
Oct 2004
57. MRI of the Abdomen: How I Do It
Radiology Grand Rounds
Evanston Northwestern Healthcare
Evanston, IL
Sep 2004
58. Detection & Staging of Abdominal Malignancies with MRI
Texas Radiology Course XI
UTMB Levin Hall
Galveston, TX
Apr 2004
59. MRI of the Pancreas
Texas Radiology Course XI
UTMB Levin Hall
Galveston, TX
Apr 2004
60. MRI of the Pancreas
World Class Radiology
Disney's Coronado Springs Resort
Orlando, Florida
Dec 2001
61. MRI of the Liver
World Class Radiology
Disney's Coronado Springs Resort
Orlando, Florida
Dec 2001
62. MRI Contrast Use in the Abdomen & Pelvis
MR Contrast: Update 2000
Grand Hyatt New York
New York, New York
Aug 2000
63. MRI Contrast Use in the Abdomen & Pelvis
Jun 2000

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- MR Contrast: Update 2000
The Philadelphia Marriott
Philadelphia, Pennsylvania
64. MRI of the Abdomen Jan 2000
LA Radiological Society Midwinter Meeting
Los Angeles, CA
65. Techniques of Body MRI Apr 1999
Atlanta, Georgia
66. Liver MR –Techniques and Contrast Optimization Apr 1999
Atlanta, Georgia
67. Body MRI: How and Why Apr 1999
Boston Medical Center
Boston University School of Medicine
Boston, Massachusetts
68. Body MRI: How and Why Feb 1999
Cleveland Radiological Society
Cleveland, Ohio
69. Grand Rounds Dec 1998
Loma Linda University Medical Center
Transplantation Institute
Loma Linda, California
70. Clinical Cases Review Dec 1998
Loma Linda University Medical Center
Transplantation Institute
Loma Linda, California
71. MRI of the Abdomen: Techniques Oct 1998
61st Radiology Course
Radiology/98
Thoracoabdominal Imaging & Mammography
University of Minnesota Minneapolis, Minnesota
72. MRI of the Liver: Techniques and Contrast Agents Oct 1998
61st Radiology Course
Thoracoabdominal Imaging & Mammography
University of Minnesota
Minneapolis, Minnesota

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73. MRI of the Kidneys and Adrenals Oct 1998
61st Radiology Course
Radiology/98
Thoracoabdominal Imaging & Mammography
University of Minnesota
Minneapolis, Minnesota
74. MRI of the Liver: Techniques and Contrast Agents Oct 1998
Nycomed Amersham Imaging
University of Washington
Seattle, Washington
75. MRI of the Liver and Pancreas Aug 1998
Ultrasound and MRI in Paradise
Maui, Hawaii
76. MRI of the Pelvis Aug 1998
Ultrasound and MRI in Paradise
Maui, Hawaii
77. MRI of the Kidneys and Adrenals Aug 1998
Ultrasound and MRI in Paradise
Maui, Hawaii
78. MRI of the Bowl and Retroperitoneum Aug 1998
Ultrasound and MRI in Paradise
Maui, Hawaii
79. Liver MRI: New Techniques and Contrast Agents Jul 1998
San Francisco Bay Radiological Society Meeting
San Francisco, CA
80. MR of the Pancreas Apr 1998
SCBT/MR
Rancho Mirage, CA
81. MR Imaging of the Abdomen Apr 1998
SCBT/MR
Rancho Mirage, CA
82. MRI of Renal Masses Apr 1998
SCBT/MR
Rancho Mirage, CA
83. MRI of the Abdomen: Techniques Feb 1998

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- 19th Annual Intermountain Imaging Conference
Park City, Utah
84. MRI of the Liver Feb 1998
19th Annual Intermountain Imaging Conference
Park City, Utah
85. MRI of the Kidneys Feb 1998
19th Annual Intermountain Imaging Conference
Park City, Utah
86. MRI of the and Abdominal Aorta Feb 1998
19th Annual Intermountain Imaging Conference
Park City, Utah
87. MR of the Abdomen: Techniques and Considerations Feb 1998
MRI in Clinical Practice
Snowmass, Colorado
88. MRI of the Liver Nov 1997
MRI of the Abdomen
University of Alabama at Birmingham
Birmingham, Alabama
89. MRI of the Liver Oct 1997
MRI of the Abdomen
University of Chicago
Chicago, Illinois
90. MRI of the Liver Oct 1997
MRI of the Abdomen
Medical College of Georgia
Augusta, Georgia
91. MRI of the Abdomen Sep 1997
University of Kentucky
Louisville, Kentucky
92. MRI of the Abdomen Sep 1997
Loyola University Medical Center
Maywood, Illinois
93. MRI of the Abdomen Sep 1997
University of Illinois
Chicago, Illinois

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94. MRI of the Abdomen Jun 1997
University of Miami
Jackson Memorial Medical Center
Miami, Florida
95. General Considerations and Techniques for Mar 1997
Conducting MRI studies of the Abdomen and Pelvis
CT/MR Aspen Refresher: 1997
Aspen, Colorado
96. Imaging the Bowel and Retroperitoneum Mar 1997
CT/MR Aspen Refresher: 1997
Aspen, Colorado
97. Abdominal MR Imaging: Myth versus Reality Dec 1996
RSNA Refresher Course
82nd Scientific Assembly and Annual Meeting
Chicago, IL
98. MR Techniques for Evaluation of Abdomen and Pelvis Oct 1996
Clinical Magnetic Resonance Imaging
UCSF
San Francisco, CA
99. MRI of the Gallbladder, Biliary Tree and Spleen Oct 1996
Clinical Magnetic Resonance Imaging
UCSF
San Francisco, CA
100. MRI of the Kidneys and Adrenals Oct 1996
Clinical Magnetic Resonance Imaging
UCSF
San Francisco, CA
101. MRI of the Retroperitoneum Oct 1996
Clinical Magnetic Resonance Imaging
UCSF
San Francisco, CA
102. Body MRI: Fast Imaging Techniques Oct 1996
University of Maryland
Maryland Radiologic Society
Baltimore, MD

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| 103. Body MRI: New Techniques
Santa Fe Imaging Center
New Mexico Medical Society
Santa Fe, NM | Sep 1996 |
| 104. MRI of the Pancreas and Biliary Tract
Abdominal MRI & MRA Clinical Advances
Boston University School of Medicine
Boston, MA | Mar 1996 |
| 105. MRI of Focal Hepatic Masses
Abdominal MRI & MRA Clinical Advances
Boston University School of Medicine
Boston, MA | Mar 1996 |
| 106. MRI of the Liver
Annual Meeting of the Hawaii Radiological Society
Big Island, Hawaii | May 1995 |
| 107. MRI of the Extrahepatic Abdomen
Annual Meeting of the Hawaii Radiological Society
Big Island, Hawaii | May 1995 |
| 108. MRI of the Pancreas, Spleen and Adrenal Glands
MRI in Clinical Practice
Breckenridge, Colorado | Feb 1995 |
| 109. MR of the Kidneys
MRI in Clinical Practice
Breckenridge, Colorado | Feb 1995 |
| 110. Contrast Enhanced MRI of the Abdomen: Current Use;
Future Directions
Breckenridge, Colorado | Feb 1995 |
| 111. MRI of the Liver with CT Correlation
Thomas Jefferson University Hospital
Philadelphia, PA | Jan 1995 |
| 112. MRI of the Extrahepatic Abdomen
Thomas Jefferson University Hospital
Philadelphia, PA | Jan 1995 |
| 113. MRI with CT Correlation
MRI Abdomen Extra Hepatic | Jun 1994 |

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Third Annual Cape Fear MRI Conference
Wrightsville Beach, NC

114. MRI of the Liver with CT Correlations May 1994
Magnetic Resonance Imaging and Ultrasound
University of California
San Francisco, California
115. MRI of the Pancreas: Current Clinical Indications May 1994
Magnetic Resonance Imaging and Ultrasound in
Monterey/Carmel
University of California
San Francisco, California
116. MRI of the Kidney and Adrenal May 1994
Magnetic Resonance Imaging and Ultrasound in
Monterey/Carmel
University of California
San Francisco, California
117. MRI of the Extrahepatic Abdomen May 1994
MRI of the Liver with CT Correlation
Beth Israel Hospital
Harvard Medical School
Boston, MA
118. MRI of the Abdomen - Excluding the Liver Apr 1994
American Roentgen Ray Society Annual Meeting
New Orleans, Louisiana
119. Extra-hepatic abdominal uses of Mar 1994
MRI Contrast Agents
Educational Program
SMR Meeting
Dallas, Texas
120. MRI of the Abdomen Mar 1994
Oregon Radiological Society
Portland, Oregon
121. MRI of the liver Oct 1993
Clinical Magnetic Resonance Imaging
University of California at San Francisco
San Francisco, California

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| 122. MRI of the gastrointestinal tract
Clinical Magnetic Resonance Imaging
University of California at San Francisco
San Francisco, California | Oct 1993 |
| 123. MRI of the bladder
Clinical Magnetic Resonance Imaging
University of California at San Francisco
San Francisco, California | Oct 1993 |
| 124. MRI of the colon and rectum
Clinical Magnetic Resonance Imaging
University of California at San Francisco
San Francisco, California | Oct 1993 |
| 125. MRI of the liver
Clinical Magnetic Resonance Imaging
University of California at San Francisco
San Francisco, California | Oct 1993 |
| 126. MRI of the liver
Magnetic Resonance Update
University of Alabama at Birmingham
Hilton Head Island, SC | Oct 1993 |
| 127. MRI of the pancreas
Magnetic Resonance Update
University of Alabama at Birmingham
Hilton Head Island, SC | Oct 1993 |
| 128. MRI of the kidney
Magnetic Resonance Update
University of Alabama at Birmingham
Hilton Head Island, SC | Oct 1993 |
| 129. MRI of the Liver MRI of the Abdomen
Mallinckrodt Institute of Radiology
St. Louis, Missouri | Sep 1993 |
| 130. MRI of the liver.
Georgetown University Medical Center
Washington, DC | May 1993 |

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131. Advanced Techniques for MRI of the Abdomen Apr 1993
University of California San Francisco
Department of Radiology
Magnetic Resonance Imaging and
Magnetic Resonance Angiography Course
Kona, Hawaii
132. MRI of the Liver: When Is It the Procedure of Choice? Apr 1993
University of California San Francisco
Department of Radiology
Magnetic Resonance Imaging and
Magnetic Resonance Angiography Course
Kona, Hawaii
133. MRI of the Pancreas: When Is It Useful Apr 1993
University of California San Francisco
Department of Radiology
Magnetic Resonance Imaging and
Magnetic Resonance Angiography Course
Kona, Hawaii
134. MRI of the Bowel and Rectum Apr 1993
University of California San Francisco
Department of Radiology
Magnetic Resonance Imaging and
Magnetic Resonance Angiography Course
Kona, Hawaii
135. MRI of the Liver with CT Correlation Apr 1993
Instructional Course, Annual Meeting
of the American Roentgen Ray Society,
San Francisco, California
136. MR of the Liver and Spleen Mar 1993
Florida Radiological Society
MRI in Clinical Practice:
Steamboat Springs, 1993
Steamboat Springs, Colorado
137. MRI of the Kidney, Bladder and Adrenal Glands Mar 1993
Florida Radiological Society
MRI in Clinical Practice:
Steamboat Springs, 1993
Steamboat Springs, Colorado

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| 138. Contrast Enhanced Imaging of the Abdomen.
UCSF Clinical Magnetic Resonance Imaging Symposium
San Francisco, California | Oct 1992 |
| 139. MRI of the Pancreas, Spleen and Bowel
UCSF Clinical Magnetic Resonance Imaging Symposium
San Francisco, California | Oct 1992 |
| 140. MRI of the Kidneys
University of California San Francisco
San Francisco California | Nov 1989 |
| 141. Radiology Research Conference
University of California San Francisco
Use of Gd-DTPA in Renal Imaging
San Francisco, California | Oct 1989 |
| 142. St. Boniface Research
Foundation Research Rounds
Magnetic Resonance Imaging and
Spectroscopy of the Heart | Sep 1989 |
| 143. Department of Radiology
Grand Rounds, University of Chicago
Magnetic Resonance Imaging of the Cardiovascular
System -An Overview
Chicago, Illinois | Jul 1989 |

Visiting Professorships and Lectureships - Local

- | | |
|--|--------------|
| 1. Safety Aspects of Iodine and Gadolinium Contrast
Agents in Radiology
Department of Radiology Grand Rounds
University of North Carolina at Chapel Hill
Chapel Hill, NC | January 2014 |
| 2. Radiation Exposure During Medical Imaging
Department of Medicine Grand Rounds
University of North Carolina at Chapel Hill
Chapel Hill, NC | Oct 2013 |
| 3. The Use of Blinded External Reads to Determine | Mar 2013 |

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- Standard of Care
ACR North Carolina Chapter
Durham, NC
4. Approaches to Safety with Medical Radiation: Mar 2011
Appropriate Substitution of MRI for CT in Various
Settings in Abdominal Imaging
ACR NC Chapter/Duke University
Durham, NC
 5. Exposure to Low-Dose Ionizing Radiation from Medical Apr 2010
Imaging Procedures
Dept of Medicine Grand Rounds
University of North Carolina
Chapel Hill, NC
 6. Siemens 3T Workshop Mar 2010
Body Imaging at 3T, Liver Imaging at 3T
Siemens Training and Development
Cary, NC
 7. Gadolinium Use and Nephrogenic Systemic Fibrosis May 2007
Dept Medicine Grand Rounds
University of North Carolina
Chapel Hill, NC
 8. Nephrogenic Fibrosing Dermopathy May 2007
Department of Medicine
University of North Carolina
Chapel Hill, NC
 9. Safety issues in Radiology Jun 2007
CT and radiation, MRI and NSF
Emergency Medicine Rounds
University of North Carolina
Chapel Hill, NC
 10. Multidisciplinary Management of GI Malignancies: Apr 2005
Pancreatic and Colorectal Cancers
UNC SOM/Lineberger Comprehensive Cancer Center
Chapel Hill, NC
 11. Benign and Malignant Liver Masses Apr 2004
Wake AHEC
Raleigh, NC

12. MRI/Body Clinic Nov 2003
UNC Visiting Clinician Program
Chapel Hill, NC
13. MRI Use in Hypertension Jun 2001
Nephrology Rounds
University of North Carolina
Chapel Hill, NC
14. MRI in Cardiac, Vascular and Thoracic Diseases Jun 2001
Cardiothoracic Surgery Rounds
University of North Carolina
Chapel Hill, NC
15. MRI of the Abdomen: State of the Art Feb 2000
Cape Fear Valley Health System
Fayetteville, NC
16. MRI of the Liver: How it Helps the Surgeon Nov 1999
Colorectal Cancer Symposium
William & Ida Friday Continuing Education Center
Chapel Hill, NC
17. Imaging Update: MRI/CT Oct 1998
High Point Regional Hospital
High Point, NC (AHEC)
18. MRI of OB/GYN Sep 1997
Department of Obstetrics and Gynecology
Grand Rounds
University of North Carolina
Chapel Hill, NC
19. MRI in Reproduction Endocrinology Sep 1997
Reproductive Endocrinology Rounds
University of North Carolina
Chapel Hill, NC
20. New Options in Diagnosis & Staging of Liver Lesions May 1997
Center for Bio-Medical Communications, Inc
Morrisville, NC
21. MRI of Abdominal Cancer Apr 1996
Surgery Grand Rounds

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Department of Surgery
University of North Carolina
Chapel Hill, NC

22. MRI of the Pelvis
Endocrine Conference
University of North Carolina
Chapel Hill, NC
Nov 1995
23. CT vs. MRI vs. X-ray
High Point Regional Hospital
Greensboro Area Health and Education Center
High Point, NC
Jan 1996
24. Update of the Role of MRI in Urological Practice
Urology Rounds
University of North Carolina
Chapel Hill, NC
Oct 1995
25. Magnetic Resonance Imaging in Surgery
Surgery Grand Rounds
University of North Carolina
Chapel Hill, NC
Apr 1995
26. Research Projects in Abdominal MRI
Department of Radiology
Chapel Hill, NC
Apr 1995
27. Current Indications for MRI: Applications/Limitations
AHEC
Rocky Mount, NC
Dec 1994
28. Update in Diagnostic MRI
OB/GYN Imaging
AHEC
Asheville, NC
Sep 1994
29. MRI of the Extrahepatic Abdomen
NC Chapter American College of Radiology
Raleigh, North Carolina
Apr 1994
30. MRI of the Liver
NC Chapter American College of Radiology
Raleigh, North Carolina
Apr 1994

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31. MRI in Urology Nov 1993
Clinical Seminar Series
Division of Urology, Department of Surgery
School of Medicine
University of North Carolina at Chapel Hill
Chapel Hill, NC
32. The Role of MRI in Managing the Surgical Patient Feb 1993
Surgical Ground Rounds, UNC Hospital
Chapel Hill, North Carolina
33. MRI in OB/Gyn Feb 1993
OB/Gyn Grand Rounds
UNC Hospital
Chapel Hill, North Carolina

Grants:

- Reducing Toxicity Associated with Magnetic Resonance
Imaging Contrast Agents
Technology Enhancement Grant application Apr 2015 – Dec 2015
Sponsor: UNC Eshelman School of Pharmacy
Principle Investigator \$28,723
- Novel Methods for MRI PET for early detection of Hepatic
Cancer and for imaging predictors of tumor response Aug 2013 – Jul 2014
Sponsor: Siemens
Principle Investigator \$50,000
- Evaluation of Dotarem-enhanced MRA Compared to
Time-of-Flight MRA in the Diagnosis of Renal Arterial Disease. Apr 2009 – Mar 2010
Sponsor: Guerbet Role
Principle Investigator \$69,422

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Development of Body MRI Work Flow Projects Sponsor: Siemens Principal Investigator	\$40,000	Jan 2009 – Jan 2010
Evaluation of Dotarem-enhanced MRA Compared to Time-of-Flight MRA in the Diagnosis of Renal Arterial Disease. Sponsor: Guerbet. Role: Principle Investigator	\$69,422	Apr 2009 – Mar 2010
A Genetic and Clinical Approach to the Early Detection of Pancreatic Cancer in a Selected High Risk Population Utilizing Three Dimensional (3D)-Gradient Echo (GRE) Volumetric Interpolated Breath-Hold Examination (VIBE) MRI; LCCC Clinical/Translational Research Award; Principal Investigator	\$40,000	May 2008 – present
Development of Body MRI Workflow Projects Sponsor: Siemens Principal Investigator	\$40,000	Jan 2009 – Jan 2010
MH-136; A Prospective Cohort Study Evaluating the Incidence of Nephrogenic Systemic Fibrosis in Patients with Stage 3 to 5 Chronic Kidney Disease Undergoing MRI with the Injection of MultiHance; Sponsor: Bracco Principal Investigator		Apr 2008 – present
RG-1068-16; A Phase III Study to Demonstrate the Efficacy and Safety of RG1068 (Synthetic Human Secretin) – Enhanced Magnetic Resonance Cholangiopancreatography (MRCP) in the Evaluation of Subjects with a History of Acute or Acute Recurrent Pancreatitis. Sponsor: Repligen; Co-investigator		Mar 2008 – present.
LCCC0704; Comparison of Standard Dose Gadobenate Dimeglumine (Gd-BOPTA, MultiHance and Standard Dose Gadopenate Dimeglumine (Magnevist) in the Detection of Hepatocellular Carcinoma Using Intra-Individual Crossover Design Sponsor: Bracco Principal Investigator		Dec 2007 – Dec 2009
Short-Duration High-Parallel-Imaging-Factor MR Imaging of		Nov 2008 – Oct 2010

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the Body using a 32 Channel Torso Coil Addendum id: UNC-2008-MR-01-Semelka Sponsor: Siemens Principal Investigator	\$22500	
Workflow Optimization in Body MRI Addendum id UNC-2008-MR-02-Semelka Sponsor: Siemens Principal Investigator	\$22,500	Nov 2008 – Mar 2010
A Genetic and Clinical Approach to the Early Detection of Pancreatic Cancer in a Selected High Risk Population Utilizing Three Dimensional (3D)-Gradient Echo (GRE) Volumetric Interpolated Breath-Hold Examination (VIBE) MRI; LCCC Clinical/Translational Research Award. Principal Investigator	\$40,000	May 2008 – present
NIEHS “Uterine Leiomyoma Longitudinal Intervention Study (ULLIS) Dynamics of Leiomyoma Growth.” \$135,000		Apr 2001 – Mar 2004
Berlex Laboratories, Inc. “Multicenter Open-Label Study of Gd-EOB-DTPA with a Single I.V. Injection (25 /mol/kgBW) in Patients with Known or Suspected Focal Liver Lesions.” \$24,500		Apr 2000 – Feb 2001
Nycomed, Inc. “Use of Teslascan® and Omniscan® for the Evaluation of Focal Liver Lesions on MRI in One Patient Visit.” \$20,000		Aug 1998 – Jan 2000
A Clinical Study of Feridex I.V.® (ferumoxides injectable solution) When Administered as a Direct Injection in Patients.” \$72,500		May 1998 – Jan1999
Siemens Medical Systems Body MRI development grant. \$60,000		Oct 1995 – Oct 1996
Lineberger Cancer Center "Can magnetic resonance imaging with gadolinium enhancement improve breast cancer detection in		Jan 1995 – Jan 1996

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mammographically dense breasts?" \$20,000

Mallinckrodt Medical, Inc

May 1995 – May 1997

A multi-center, open label, signal dose study to evaluate the safety, tolerance and efficacy of Optimark (TM) (gadoversetamide injection) in MRI of the Liver \$168,603

Nycomed Inc. "Contrast Enhanced Magnetic Imaging of the abdomen or pelvis: an open label, phase III, multi-center study with WIN 39996 oral suspensions in patients with suspected abdominal or pelvic disease" \$9,600

Oct 1994 – Feb 1995

Mallinckrodt Medical, Inc.

Jun 1994 – Nov 1994

"A multi-center, double-blind, multi-dose With in-patient study to evaluate the safety, tolerance and efficacy of MP-11077/10 injection in MRI of the liver" \$74,625

Sterling-Winthrop Pharmaceuticals

Jun 1994 – Aug 1994

"Contrast enhanced magnetic resonance imaging of the liver with intravenous WIN 59010-2 injection: A multi-center, open label phase III study in patients with highly suspected or known focal liver lesions to assess delayed imaging." \$14,250

Sterling-Winthrop Pharmaceuticals

Dec 1993 – May 1995

"Contrast Enhanced Magnetic Resonance Imaging of the Liver with Intravenous WIN 59010-2 Injection. A Multi-Center, Open Label study in adults with known or suspected focal liver lesions"

St. Boniface Research Foundation

Apr 1992 – Mar 1994

"Strategies for the Development of MRI of the Abdomen" \$111,250

St. Boniface Research Foundation

Apr 1992 – Mar 1993

"Magnetic Resonance Imaging (MRI) Initiative"
\$51,000 salary support
\$50,000 operating funds

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Manitoba Health Research Council University-Industry Collaborative grant "Data analysis of cardiovascular information for magnetic resonance imaging". \$116,550	Feb 1992 – Jan 1993
Manitoba Health Research Council Industrial Research Grant \$17,938	Jul 1990 – Oct 1990

Professional Service:

Contributor to American Board of Radiology Oral Examination Gastrointestinal Section	1998 – present
Editorial Board Magnetic Resonance Imaging	1997 – present
Editorial Board Journal of Magnetic Resonance Imaging	1996 – present
Editorial Board Investigative Radiology	2007 – present
Editorial Board Topics in Magnetic Resonance Imaging	1993 – present
Editorial Board Magnetic Resonance Imaging	1997 – present
Editorial Board Radiologia Brasileira (Journal of the Brazilian College of Radiology)	2007 – present
Editorial Board European Radiology	2013 – 2020

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Reviewer

Journal of Magnetic Resonance Imaging	1996 – present
Abdominal Imaging	1996 – present
Magnetic Resonance Imaging	1997 – present
European Radiology	2011 – present
Obstetrics and Gynecology	1994 – present
Radiology	1991 – present
Investigative Radiology	2006 – present

Member Pediatric Sedation Committee UNC Hospitals	2007 – 2017
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Member Post Tenure Review Committee	2002 – 2006
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Member General Clinical Research Center University of North Carolina at Chapel Hill	2001 – 2005
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Member Public Information Access Network RSNA	2000 – 2006
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Subcommittee Member American College of Surgeons Commission on Cancer Liver patient care evaluation committee	1999 – 2003
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Member Radiology Society of North America Refresher Course	1998 – 2004
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Committees:

Body Imaging Head of the Educational Committee ISMIRM	2014 - 2016
Member, Pediatric Sedation Committee UNC Hospitals	Dec 2007 – 2017
Member, Post Tenure Review Committee UNC Hospitals	Dec 2002 – 2017
Member Public Information Access Network RSNA	2000 – 2006
Member, Clinic Research Advisory Committee General Clinical Research Center University of North Carolina at Chapel Hill	Sep 2001– 2017
Member, American College of Surgeons Commission on Cancer Subcommittee Member, Liver patient care evaluation committee	1999 – 2001
Member, Radiology Society of North America Refresher Course Committee	Nov 1998 – 2006
Member Clinical Research Scientific Advisory Committee General Clinical Research Center University of North Carolina at Chapel Hill	Jul 1994 – 2017
Founder and Chairman of the Body Magnetic Resonance Research Group	Nov 1992 – present
Member Academic Committee, University of Manitoba Department of Radiology	July – Dec 1987
Member, Postgraduate Committee Department of Radiology University of Manitoba	July – Dec 1987
Member, Standards Committee, Department of Radiology, Health Sciences Centre	July – Dec 1987

Professional Societies:

Member, Radiological Society of North America

Member, International Society of Magnetic Resonance in Medicine