## Curriculum Vitae Roger Kent Harned, II, M.D., FACR

**Business:** 

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Aurora, CO 80045

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**Education** 

Undergraduate: University of Nebraska-Lincoln

Bachelor of Science Degree Cum Laude

Minors in English and Math

May 1984

Medical: University of Virginia School of Medicine

Doctor of Medicine Degree

May 1988

**Post-Doctoral Training** 

Internship: Internal Medicine

University of Nebraska Medical Center

July 1988 - June 1989

Residency: Diagnostic Radiology

Emory University Affiliated Hospitals

July 1989 - June 1993

Fellowship: Abdominal Imaging

**Emory University Affiliated Hospitals** 

July 1993 - June 1994

Pediatric Radiology

Egleston Children's Hospital at Emory University

July 1994 - June 1995

Medical Licensure and Board Certification

State Licensure: Georgia No. 032576 (Inactive)

Colorado No. 034364 (1995-Present)

Board Certification: National Board of Medical Examiners

Diplomate, 1989

American Board of Radiology

Diagnostic Radiology, 1993

Certificate of Added Qualification in Pediatric Radiology, 1998, 2008

Maintenance of Certification, Current

## Medical Organizations

Memberships:

American College of Radiology 1995 - Present

American Roentgen Ray Society 1995 - Present

Radiological Society of North America 1996 - Present

Society for Pediatric Radiology 1996 - Present

Society of Interventional Radiology 1996 - Present

Society of Gastrointestinal Radiologists 1996 - Present

Colorado Radiological Society 1997 - Present

Society for Pediatric Interventional Radiology 2009 - Present

Offices Held:

American Association of Academic Chief Residents Radiology Representative to American College of Radiology, 1992

American Association of Academic Chief Residents Radiology Steering Committee, 1992

Society for Pediatric Radiology Informatics Committee Member July 2000 – 2006

Society for Pediatric Radiology Pediatric Intervention Committee Member July 2004 – 2007 American Board of Radiology Diagnostic Radiology: Primary Oral Examination Committee - Pediatric Section 2009-2014

Society for Pediatric Interventional Radiology Board of Directors 2012-present

Radiological Society of North America Public Information Advisors Network 2012-present

Society for Pediatric Interventional Radiology Scientific Program Committee Chairman 3<sup>rd</sup> International Meeting, Santa Fe, NM October 10-12, 2013

American College of Radiology Measurement and Assessment Subcommittee June 2014-present

American College of Radiology Subcommittee on Gaps & Outcomes June 2014-present

Society for Pediatric Interventional Radiology Treasurer 2015

Society for Pediatric Interventional Radiology Scientific Program Committee Chairman 4<sup>th</sup> International Meeting, London, UK October 21-23, 2015

Society for Pediatric Radiology The International Pediatric Radiology 7<sup>th</sup> Conjoint Meeting Abstract Paper Committee October 2015 – May 2016

Society for Pediatric Interventional Radiology Secretary 2016

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September 27, 2017

Society for Pediatric Radiology

48th Annual Meeting Abstract Paper Committee

October 2016 - May 2017

Society for Pediatric Interventional Radiology

President 2017

Society for Pediatric Radiology

49th Annual Meeting Abstract Paper Committee

October 2017 - May 2018

Honors: American College of Radiology

Elected to Fellowship in 2014

**Academic Positions** 

Appointments: Chief Resident in Radiology

Emory University Affiliated Hospitals

January 1992 - December 1992

Clinical Instructor of Radiology

Egleston Children's Hospital at Emory University

July 1994 - June 1995

Director of Pediatric Interventional Radiology

Children's Hospital Colorado

July 1995 - Present

Assistant Professor of Radiology

University of Colorado Health Sciences Center

July 1995 - January 2002

Associate Professor of Radiology

University of Colorado Health Sciences Center

February 2002 - Present

Institutional Committees:

Radiology Residency Training Program Committee

Emory University Affiliated Hospitals

1991 - 1992

Radiology Resident Selection Committee Emory University Affiliated Hospitals

1992 - 1993

Task Force on Organ Transplantation The Children's Hospital 1996 - 2000

Committee for Central Line Initiative The Children's Hospital 1996 - 1997

Medical Research Review Committee The Children's Hospital 1997 - 1999

Sedation/Invasive Procedures/COR Committee Children's Hospital Colorado 1998 – Present

Radiology Resident Selection Committee University of Colorado Health Sciences Center 1998 – 2000

Medical Director of The Children's Hospital division Of The University of Colorado Health Sciences Center's School of Ultrasound Technology 1999 – 2004

Quality Initiative-Venous Access Team The Children's Hospital 2000 – 2009

Central Access Redesign Team The Children's Hospital 2009 – 2010

Anesthesia Chairman Search Committee The Children's Hospital 2009 - 2010

PICC Task Force Children's Hospital Colorado 2010 - Present

Physician Leadership Development Program Children's Hospital Colorado 2011 - 2013 Inpatient Leadership Committee Children's Hospital Colorado 2011 - Present

Housewide CLA-BSI Reduction Steering Committee Children's Hospital Colorado 2012-Present

Chest Tube Task Force Children's Hospital Colorado 2016 - Present

#### Peer Review Work

Manuscript Reviewer American Journal of Roentgenology 1995 - Present

Colorado Multi-Institutional Review Board (COMIRB) Panel C (Pediatrics) 1999 - 2001

Book Reviewer Doody Publishing 2001

Manuscript Reviewer Journal of Pediatric Gastroenterology and Nutrition 2003 – Present

Manuscript Reviewer Pediatric Radiology 2003 – Present

Examiner for Diagnostic Radiology Oral Boards Pediatric Radiology Section The American Board of Radiology 2006 – 2014 Content Reviewer RSNA-ACR Public Information Website www.RadiologyInfo.org 2009 - Present

#### **Publications**

- 1. **Harned RK, II**, Chezmar JL. Percutaneous needle puncture for treatment of ileal obstruction caused by migration of a gastrostomy tube. [letter] AJR 1991; 157: 885-886.
- 2. Nelson RC, Thompson GH, Chezmar JL, **Harned RK, II**, Fernandez MdP. CT during arterial portography: Diagnostic pitfalls. Radiographics 1992; 12: 705-718.
- 3. **Harned RK, II**, Chezmar JL, Nelson RC. Imaging of patients with potentially resectable hepatic neoplasms. AJR 1992; 159: 1191-1194.
- 4. **Harned RK, II**, Chezmar JL, Nelson RC. Recurrent tumor after resection of hepatic metastases from colorectal carcinoma: Location and time of discovery as determined by CT. AJR 1994; 163: 93-97.
- 5. Fruman SA, **Harned RK, II**, Marcus D, Kaufmann S, Swenson RB, Bernardino ME. Perflubron as a blood pool contrast agent for CT angiography. Academic Radiology 1994; 1: 151-153.
- 6. **Harned RK, II**, Fruman SA, Swenson RB, Bernardino ME. Time vs. density enhancement of liver, spleen, and great vessels following rapid intravenous infusion of perflubron emulsion. Academic Radiology 1995; 2: 38-42.
- 7. **Harned RK, II**, Patrick LE, Gay BB, Atkinson GO, Niemer PK, Wyly JB. Standard method of diagnosis versus use of a computer database in the evaluation of skeletal dysplasias. Pediatric Radiology 1996; 26: 887-890.
- 8. **Harned RK, II**, Strain JD, Hay TC, Douglas MR. Esophageal foreign bodies in children: Safety and efficacy of Foley catheter extraction of coins. AJR 1997; 168: 443-446.
- 9. **Harned RK, II**. Adult pathology in the pediatric gastrointestinal tract. Applied Radiology 1997; 26: 25-34.

- 10. Boris JR, **Harned RK, II**, Logan LA, Wiggins JW, Jr. The use of papaverine in arterial sheaths to prevent loss of femoral artery pulse in pediatric cardiac catheterization. Pediatric Cardiology 1998; 19: 390-397.
- 11. **Harned RK, II**, Thompson HR, Kumpe DA, Narkewicz MR, Sokol RJ. Partial splenic embolization in five children with hypersplenism: Effects of reduced volume embolization on efficacy and morbidity. Radiology 1998; 209: 803-806.
- 12. Russ PD, Thickman DI, Schlaff WD, **Harned RK, II**. Magnetic resonance imaging of female Mullerian duct abnormalities: a review. Women's Imaging 2000; 2: 185-194.
- 13. **Harned RK, II**, Kelly SS, Foreman NK, Giller RH. Peripheral placement of apheresis catheters in children: Feasibility, safety, and efficacy in the collection of blood stem cells. Radiology 2001; 218: 294-298.
- 14. **Harned RK, II**, Strain JD. MRI-compatible audio/visual system: impact on pediatric sedation. Pediatric Radiology 2001; 31, 247-250.
- 15. Partrick DA, Bensard DD, Teitelbaum DH, Geiger JD, Strouse P, **Harned RK**, **II**. Successful thoracoscopic lung biopsy in children utilizing preoperative CT-guided localization. J Pediatr Surg 2002; 37(7): 970-3.
- 16. MacPhee M, The venous Access Task Force of the Children's Hospital of Denver (incl Harned RK, II). Using Evidence-Based Practice to Create a Venous Access Team. J Pediatr Nurs 2002; 17(6): 450-454.
- 17. **Harned RK, II**. Re: Mesenterico-left portal vein bypass in children with congenital extrahepatic portal vein thrombosis. [letter] J Pediatr Gastroenterol Nutr 2003; 36(5):651.
- 18. Wootton-Gorges SL, Thomas KB, **Harned RK**, **II**, Wu SR, Stein-Wexler R, Strain JD. Giant cystic abdominal masses in Children: A pictorial essay. Pediatric Radiology 2005; 35: 1277-1288.

- 19. Mills JN, Petty JK, Hendrickson RJ, Albano EA, Furness PD, Mingin GC, Lovell M, **Harned RK, II**, Koyle M. Retroperitoneal neuroblastoma causing urinary obstruction in a 5-month-old boy. Oncology 2006; 20(2):201-6.
- 20. Sidhu MK, James CJ, **Harned RK, II**, Connolly BL, Dubois J, Morello FP, Kaye R, Siddiqui NJ, Roberson PK, Seidel KD. Pediatric interventional radiology workforce survey summary. Pediatric Radiology 2007; 37: 113-5.
- 21. Bernard TJ, Mull B, Handler M, **Harned RK, II**, Filley CM, Kumpe D, Tseng B. An 18-year-old man with duplicated vertebral arteries, recurrent stroke and successful angiographic coiling. J Neurol Sci. 2007 Sep 15; 260(1-2):279-82.
- 22. Nuss R, Cole L, Orsini E, Le T, **Harned RK, II**. Pinch-off syndrome in patients with sickle cell disease receiving erythrocytapheresis. Pediatr Blood Cancer. 2008; 50(2):354-6.
- 23. **Harned RK, II.** Familiarity with current practices of granting and maintaining privileges in pediatric interventional radiology a worldwide survey of the members of the Society for Pediatric Interventional Radiology (SPIR). Pediatric Radiology 2012; 42: 1316-1321.
- 24. Fadell MF, Weinman J, Gralla J, Ishtiaq B, Stewart J, Harned RK, II, Ingram JD, Strain JD. CT Outperforms Radiographs at a Comparable Radiation Dose in the Assessment for Spondylolysis. Pediatric Radiology 2015; 45: 1026-1030.
- 25. Leung DH, Ye W, Molleston JP, Weymann A, Ling S, Paranjape S, Romero R, Schwarzenberg SJ, Parlermo J, Alonso E, Murray K, Marshall B, Doo E, Siegel MJ, Krishnamurthy R, **Harned RK, II**, Magee JC, Narkewicz MR. Baseline ultrasound and clinical correlates in children with Cystic Fibrosis (CF) from the prospective cohort in the CF Liver Disease Network. J Pediatr 2015; 167: 862-868.

- 26. Kaufman C, James CJ, **Harned RK, II**, Roebuck D, Connolly BL, Cahill AM, Dubois J, Morello FP, Morgan RK, Sidhu M. Pediatric Interventional Radiology Work Force Survey: 10 year Follow Up. Pediatric Radiology in press.
- 27. Dahl NA, Chatfield KC, Kulongowski AM, **Harned RK**, **II**, Nakano TA. Unique Considerations in pediatric diagnosis of hereditary hemorrhagic telangiectasia. Ann Vasc Med Res 3(4): 1042.

### **Book Chapters**

1. **Harned RK, II.** Central access device placement in pediatric patients. In: Central Venous Access, 1<sup>st</sup> Ed, (ed.) Ray C. Lippincott Williams & Wilkins. 2001.

#### **Book Reviews**

1. **Harned RK, II**. Review of Pediatric Uroradiology. Doody's Review Service (on-line). 2001. Available: <a href="http://www.doody.com">http://www.doody.com</a>.

# Scientific Presentations

- 1. **Harned RK, II**, Nelson RC, Chezmar JL. Dynamic sequential bolus CT of the liver: comparison of 5 and 10 MM contiguous collimation. Annual Meeting of the Society of Gastrointestinal Radiologists, Scottsdale, AZ, January 18, 1993.
- 2. **Harned RK, II**, Chezmar JL, Nelson RC. Patterns of recurrence of colorectal carcinoma on body CT following resection of isolated hepatic metastases. Annual Meeting of the Society of Gastrointestinal Radiologists, Maui, HI, February 15, 1994.
- 3. **Harned RK, II**, Chezmar JL, Nelson RC. Patterns of recurrence of colorectal carcinoma on body CT following resection of isolated hepatic metastases. Annual Meeting of the American Roentgen Ray Society, New Orleans, LA, April 28, 1994.
- 4. **Harned RK, II**, Fruman SA, Swenson RB, Bernardino ME. Time vs. density enhancement of liver, spleen, and great vessels following rapid intravenous infusion of

- perflubron emulsion. Annual Meeting of the American Roentgen Ray Society, New Orleans, LA, April 28, 1994.
- 5. **Harned RK, II**, Nelson RC, Brummer M, Arepally A. Evaluation of the stomach using spiral CT luminography. 80th Scientific Assembly and Annual Meeting of the Radiological Society of North America, Chicago, IL, December 2, 1994.
- 6. Arepally A, **Harned RK, II**, Nelson RC, Brummer ME, Redvanly R. Spiral CT-endoscopy of the gastric mucosa. Annual Meeting of the Association of University Radiologists, San Diego, CA, April 1995.
- 7. **Harned RK, II**, Patrick LE, Gay BB, Atkinson GO, Niemer PK, Wyly JB. Standard method of diagnosis versus computer-aided comparison with a database in the evaluation of skeletal dysplasias. 38th Annual Meeting of the Society for Pediatric Radiology, Washington, D.C., April 19, 1995.
- 8. **Harned RK, II**, Strain JD, Hay TC, Douglas MR. Esophageal foreign bodies in children: Safety and efficacy of Foley catheter extraction of coins. 40th Annual Meeting of the Society for Pediatric Radiology, St. Louis, MO, May 17, 1997.
- 9. Gorges SW, **Harned RK, II**, Ingram JD, Thomas KB, Strain JD. DMSA Imaging: Reformatting images to improve radiologist's interpretations. 40th Annual Meeting of the Society for Pediatric Radiology, St. Louis, MO, May 15, 1997.
- 10. Thomas KB, **Harned RK**, **II**, Strain JD. "Potty Training": Implications for the work-up of urinary tract infections. 40th Annual Meeting of the Society for Pediatric Radiology, St. Louis, MO, May 15, 1997.
- 11. **Harned RK, II**, Thompson HR, Kumpe DA, Narkewicz MR, Sokol RJ. Partial splenic embolization in children with hypersplenism: Effect of reduced volume embolization on efficacy and morbidity. 83rd Scientific Assembly and Annual Meeting of the Radiological Society of North America, Chicago, IL, Nov. 30, 1997.

- 12. **Harned RK, II**, Kelly SS, Foreman NK, Giller RH. Peripheral placement of apheresis catheters in children: Feasibility, safety, and efficacy in the collection of blood stem cells. 85th Scientific Assembly and Annual Meeting of the Radiological Society of North America, Chicago, IL, November 30, 1999.
- 13. **Harned RK, II**, Strain JD. Impact of an MRI-compatible video goggle system on the need for sedation in a pediatric population undergoing MRI examination. 43rd Annual Meeting of the Society for Pediatric Radiology, Naples, FL, May 2, 2000.
- 14. Partrick DA, Bensard DD, Teitelbaum DH, Geiger JD, Strouse P, **Harned RK**, **II**. Successful Thoracoscopic lung biopsy in children utilizing preoperative CT-guided localization. American Academy of Pediatrics 2001 National Conference and Exhibition, San Francisco, CA, October 19-21, 2001.
- 15. Bhatia S, Merritt G, Zuk J, **Harned RK, II**, Wilson P, Kenyon P. CT-guided injections of botulinum toxin into the subscapularis muscle in children. Western Anesthesia Resident's Conference. Denver, CO, May 7, 2004.
- 16. Jata E, West FB, Verbugt A, Hirst K, **Harned RK, II**, Orsini E. Successful use of peripherally inserted central catheters at a Children's Hospital for the collection of peripheral blood stem cells. American Society for Apheresis Annual Meeting. New Orleans, LA, May 26-29, 2010.
- 17. **Harned RK, II,** Capocelli K, Hayes KL. High flow peripherally inserted central venous catheters: Use as primary access during large volume leukapheresis for peripheral blood stem cell collection in pediatric patients. 98th Scientific Assembly and Annual Meeting of the Radiological Society of North America, Chicago, IL, November 30, 2012.
- 18. **Harned RK, II.** Ultrasound guidance for cecal puncture during cecostomy. Society for Pediatric Interventional

Radiology. 3<sup>rd</sup> International Meeting, Santa Fe, New Mexico, October 10-12, 2013.

- 19. Schramm K, Rochon PJ, Annam A, **Harned RK, II**, French B, Bruny J, Bruckner A, Kelley P, Morelli J. Vascular Anomaly Masquerades: A Single-Center Experience. Pediatric Interventional Radiology Symposium. Toronto, Ontario. October 17, 2014.
- 20. Annam A, Braswell L, Rochon PJ, **Harned RK, II**. Pediatric Interventional Radiology Fellowship: The Need for Standardization. Pediatric Interventional Radiology Symposium. Toronto, Ontario. October 17, 2014.
- 21. Annam A, Braswell L, Rochon PJ, **Harned RK, II**. Pediatric Interventional Radiology (PIR) Fellowship: The Need for Standardization and PIR Survey Implications for a Future Direction. 48th Annual Meeting of the Society for Pediatric Radiology, Belleview, WA, April 30, 2015.
- 22. **Harned RK, II.** Retention Suture Failure Following Cecostomy Tube Placement. Society for Pediatric Interventional Radiology. 4<sup>th</sup> International Meeting, London, UK, October 21-23, 2015.
- 23. Kaufman C, Roebuck D, James CJ, Harned RK, II, Connolly B, Cahill AM, Morgan RK, Sidhu M. Pediatric Interventional Radiology Where We Are Today: 10 year Follow-Up. Society for Pediatric Interventional Radiology. 4th International Meeting, London, UK, October 21-23, 2015.
- 24. Kaufman C, Roebuck D, James CJ, **Harned RK, II,**Connolly B, Cahill AM, Morgan RK, Sidhu M. Training the Pediatric Interventional Radiologist. The International Pediatric Radiology 7<sup>th</sup> Conjoint Meeting. Chicago, IL, May 15-20, 2016.

# Scientific Exhibits

1. **Harned RK, II**, Chezmar JL, Nelson RC. Radiologic evaluation of the candidate for hepatic tumor resection. 77th Scientific Assembly and Annual Meeting of the

Radiological Society of North America, Chicago, IL, November 1991.

- 2. Thompson GH, Nelson RC, Chezmar JL, **Harned RK, II**, Fernandez MdP. CT during arterial portography: Gamut of perfusion abnormalities. 77th Scientific Assembly and Annual Meeting of the Radiological Society of North America, Chicago, IL, November 1991. (Received Certificate of Merit)
- 3. **Harned RK, II**, Chezmar JL, Nelson RC. Radiologic evaluation of the candidate for hepatic tumor resection. 92nd Annual Meeting of the American Roentgen Ray Society, Orlando, FL, May 1992.
- 4. Thompson GH, Nelson RC, Chezmar JL, **Harned RK, II**, Fernandez MdP. CT during Arterial Portography: Gamut of perfusion abnormalities. 92nd Annual Meeting of the American Roentgen Ray Society, Orlando, FL, May 1992. (Received Certificate of Merit)
- 5. **Harned RK, II**. Adult pathology in the pediatric gastrointestinal tract. 38th Annual Meeting of the Society for Pediatric Radiology, Washington, D.C., April 1995.
- 6. Tyson RW, Ruyle S, Bass K, **Harned RK, II**. Serous pancreatic cystadenoma in children under 1 year of age. Fall Meeting of the Society for Pediatric Pathology, Minneapolis, MN, September 26-27, 1997.
- 7. Thomas KB, Wootton-Gorges SL, **Harned RK, II**. Giant cystic abdominal masses: A review of cases and clues to diagnosis. 41st Annual Meeting of the Society for Pediatric Radiology, Tucson, AZ, May 5-10, 1998.
- 8. Young HD, Russ PD, **Harned RK, II**. CT findings of laparoscopic cholecystectomy complications. 28th Annual Meeting of the Society of Gastrointestinal Radiologists, Palm Beach, FL, March 21-26, 1999.
- 9. Thomas KB, Wootton-Gorges SL, **Harned RK, II**. Giant cystic abdominal masses: A review of cases and clues to diagnosis. 85th Scientific Assembly and Annual Meeting of the Radiological Society of North America, Chicago, IL, November 28 December 3, 1999.

- 10. **Harned RK, II**, Hay TC, Chan KH, Handler MH, Kumpe DA. Current radiologic adjuncts to successful surgical removal of pediatric tumors of the head and neck. 43rd Annual Meeting of the Society for Pediatric Radiology, Naples, FL, April 29 May 6, 2000.
- 11. **Harned RK, II**, Hay TC, Chan KH, Handler MH, Kumpe DA. Current radiologic adjuncts to successful surgical removal of pediatric tumors of the head and neck. 86th Scientific Assembly and Annual Meeting of the Radiological Society of North America, Chicago, IL, November 26 December 1, 2000.
- 12. Bhatia S, Zuk J, **Harned RK, II**, Wilson P, Kenyon P, Merritt G. CT-guided botox injections into the subscapularis muscle in children with brachial plexus injuries. ASRA Annual Fall Pain Meeting & Workshops, Phoenix, AZ, November 11-14, 2004.
- 13. Fadell M, Weinman J, Bercha I, Stewart J, Ingram D, Harned RK, II, Strain J. CT Outperforms Radiographs at a Comparable Radiation Dose in the Assessment for Spondylolysis. Annual Meeting of the Society for Pediatric Radiology, Washington, DC, May 13 May 17, 2014.
- 14. Annam AA, **Harned RK, II**, Albietz J. Interventional radiology and the critically ill patient. European Society of Paediatric Radiology. 51<sup>st</sup> Annual Meeting. Amsterdam, The Netherlands. June 2-6, 2014.

#### **Invited Lectures**

- 1. Techniques in Small Bowel Radiography. Radiology Grand Rounds. Emory University Hospital. Atlanta, GA, October 29, 1990.
- 2. Case Presentations: CT, U/S, MR Imaging of Diseases of the Solid Abdominal Viscera. University of Nebraska Medical Center, Omaha, NE, May 10, 1994.
- 3. Pediatric Angiography. Pediatric Interventions Workshop. 23rd Annual Scientific Meeting of the Society of Cardiovascular and Interventional Radiology, San Francisco, CA, March 1-4, 1998.

- 4. The Pediatric Patient Undergoing Interventional Procedures. Conscious Sedation Workshop. 23rd Annual Scientific Meeting of the Society of Cardiovascular and Interventional, San Francisco, CA, March 1-4, 1998.
- 5. Pediatric Sedation. Conscious Sedation Workshop. 24th Annual Scientific Meeting of the Society of Cardiovascular and Interventional Radiology, Orlando, FL, March 21, 1999.
- 6. Pediatric Percutaneous Gastrostomy and Esophageal Foreign Body Extraction. Intervention in the Pediatric Alimentary Tract Workshop. 28th Annual Meeting of the Society of Gastrointestinal Radiologists, Palm Beach, FL, March 25, 1999.
- 7. A Child in the Interventional Radiology Suite. Visiting Professor. Radiology Grand Rounds. Emory University Hospital. Atlanta, GA. October 27, 1999.
- 8. A Child in the Interventional Radiology Suite. Rocky Mountain AVIR's 9th Annual Educational Seminar for Interventional Radiology. Denver, CO. February 7, 2004.
- 9. Pediatric Enteral Access Using Antegrade Gastrostomy and Cecostomy. Abdominal Radiology Course. 33rd Annual Meeting of the Society of Gastrointestinal Radiologists, Scottsdale, AZ, March 8, 2004.
- 10. A Child in the Interventional Radiology Suite. Visiting Professor. University of Nebraska Medical Center. Omaha, NE. April 20, 2004.
- 11. The Pediatric Voiding Cystourethrogram. Visiting Professor. University of Nebraska Medical Center. Omaha, NE. April 21, 2004.
- 12. Pediatric Radiology Oral Board Review. Visiting Professor. University of Nebraska Medical Center. Omaha, NE. April 21, 2004.

- 13. Pediatric Gastrointestinal Emergencies: What you need to know when the ER calls at 2AM. Nebraska Radiological Society. Omaha, NE. April 21, 2004.
- 14. Pediatric GI/GU Intervention. Plenary Session. Abdominal Radiology Course. Kauai, Hawaii. March 2, 2006.
- 15. Retained Biliary Stent Management. Case Presentations. Society for Pediatric Interventional Radiology. 1st International Meeting, Napa, California, October 23-24, 2009.
- Symposium on Credentialing and Training. Moderator. Society for Pediatric Interventional Radiology. 2<sup>nd</sup> International Meeting, Scottsdale, AZ, October 21-23, 2011.
- 17. Obtaining and Maintaining Pediatric Interventional Radiology Credentials. Society for Pediatric Interventional Radiology. 2<sup>nd</sup> International Meeting, Scottsdale, AZ, October 21-23, 2011.
- 18. Muscle weakness following ultrasound guided botulinum toxin injection of salivary glands. Morbidity & Mortality Session. Pediatric Interventional Radiology Symposium. Toronto, Ontario. October 26, 2012.
- 19. Pediatric (General/Interventional) Scientific Paper Presentations. Moderator. 98th Scientific Assembly and Annual Meeting of the Radiological Society of North America, Chicago, IL, November 25-30, 2012.
- 20. Pediatric Interventional Radiology Symposium. Moderator. Society for Pediatric Radiology, Vancouver. May 20, 2017.