

General information

MISSION STATEMENT

The Society for Pediatric Radiology is a professional medical organization dedicated to being the leader in advancing pediatric health care through medical imaging and image-related therapy.

SITES OF PREVIOUS MEETINGS

1991 & IPR'91 Stockholm, Sweden
1992 Orlando, Florida
1993 Seattle, Washington
1994 Colorado Springs, Colorado
1995 Washington, D.C.
1996 & IPR'96 Boston, Massachusetts
1997 St. Louis, Missouri
1998 Tucson, Arizona
1999 Vancouver, British Columbia
2000 Naples, Florida

2001 & IPR'01 Paris, France
2002 Philadelphia, Pennsylvania
2003 San Francisco, California
2004 Savannah, Georgia
2005 New Orleans, Louisiana
2006 & IPR'06 Montréal, Quebec, Canada
2007 Miami, Florida

FUTURE MEETINGS

2009 April 21–25, 2009 Carlsbad, California
2010 April 13–17, 2010 Boston, Massachusetts

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 Association of Program Directors in Radiology, Janet L. Strife, MD

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1988	Frederic N. Silverman, MD
1989	John L. Gwinn, MD
1990	John F. Holt, MD
1991	John A. Kirkpatrick, Jr., MD
1991	Bernard J. Reilly, MB, FRCP
1992	Edward B. Singleton, MD
1993	Hooshang Taybi, MD
1994	Walter E. Berdon, MD
1994	J. Scott Dunbar, MD
1995	Guido Currarino, MD
1995	Derek C. Harwood-Nash, MD, DSc
1996	Andrew K. Poznanski, MD
1996	Beverly P. Wood, MD
1997	N. Thorne Griscom, MD
1997	John F. O'Connor, MD
1998	William H. McAlister, MD
1999	E. Anthony Franken, MD
2000	Eric L. Effmann, MD
2001	Giulio J. D'Angio, MD
2002	David H. Baker, MD
2003	Brinton B. Gay, Jr., MD
2003	William H. Northway, Jr., MD
2004	Diane S. Babcock, MD
2004	Virgil R. Condon, MD
2005	Jerald P. Kuhn, MD
2005	Thomas L. Slovis, MD
2006	Robert L. Lebowitz, MD
2006	John C. Leonidas, MD
2007	Leonard E. Swischuk, MD
2008	Barry D. Fletcher, MD

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1990	John Caffey, MD
1991	M.H. Wittenborg, MD
1992	Edward B. Singleton, MD
1993	Frederic N. Silverman, MD
1994	John P. Dorst, MD
1995	E.B.D. Neuhauser, MD
1996	Edmund A. Franken, MD
1996	Kazimierz Kozlowski, MD
1996	M. Arnold Lassrich, MD
1997	Arnold Shkolnik, MD
1998	Heidi B. Patriquin, MD
1998	William H. Northway, Jr., MD
2000	Jerald P. Kuhn, MD
2001	Diane S. Babcock

2001	Fred E. Avni, MD, PhD
2003	Walter E. Berdon, MD
2004	G.B. Clifton Harris, MD
2005	Rita L. Teele, MD
2006	Robert L. Lebowitz, MD
2007	Carol M. Rumack, MD
2008	Paul S. Babyn, MD

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2000	Paul K. Kleinman, MD
2001	Neil Johnson, MD
2001	Christopher Johnson
2002	Jennifer K. Boylan
2002	Thomas L. Slovis, MD
2003	Danielle K.B. Boal, MD
2003	Marta Hernanz-Schulman, MD
2004	Kenneth L. Mendelson, MD
2005	Taylor Chung, MD
2005	J. A. Gordon Culham, MD
2005	Shi-Joon Yoo, MD
2006	L. Christopher Foley, MD
2007	Donald P. Frush, MD
2008	Mary K. Martel, PhD
2008	Connie L. Mitchell, MA, RT(R)(CT)
2008	Harvey L. Neiman, MD

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1985	Jacques Sauvegrain, MD
1987	Bryan J. Cremin, MD
1987	Ole A. Eklof, MD
1987	Clement C. Faure, MD
1987	Andres Giedion, MD
1987	Denis Lallemand, MD
1987	Arnold Lassrich, MD
1987	Ulf G. Rudhe, MD
1998	Frederic N. Silverman, MD
1989	John L. Gwinn, MD
1990	John F. Holt, MD
1990	Richard G. Lester, MD
1991	Gabriel L. Kalifa, MD
1991	Javier Lucaya, MD
1991	John P. Masel, MD
1991	Noemi Perlmutter-Cremer, MD
1991	Hans G. Ringertz, MD
1991	John A. Kirkpatrick, Jr., MD
1991	Bernard J. Reilly, MB, FRCP(C)

1992	Edward B. Singleton, MD	1968–69	David H. Baker, MD
1992	Donald R. Kirks, MD	1969–70	John A. Kirkpatrick, Jr., MD*
1992	Beverly P. Wood, MD	1970–71	Norman M. Glazer, MD*
1993	Hooshang Taybi, MD	1971–72	Bertram R. Girdany, MD
1992/94	Walter E. Berdon, MD	1972–73	Donald H. Altman, MD
1994	Marie A. Capitanio, MD	1973–74	Hooshang Taybi, MD*
1994	Edmund A. Franken, Jr., MD	1974–75	John L. Gwinn, MD*
1994	John C. Leonidas, MD	1975–76	Lawrence A. Davis, MD*
1994	William H. McAlister, MD	1976–77	Marie A. Capitanio, MD
1994	Andrew K. Poznanski, MD	1977–78	John P. Dorst, MD*
1994	J. Scott Dunbar, MD	1978–79	Bernard J. Reilly, MB, FRCP (C)
1995	David H. Baker, MD	1979–80	Walter E. Berdon, MD
1992/95	Derek C. Harwood-Nash, MD, DSc	1980–81	Andrew K. Poznanski, MD
1995	N. Thorne Griscom, MD	1981–82	N. Thorne Griscom, MD
1995	Guido Currarino, MD	1982–83	Virgil R. Condon, MD
1996	Francis O. Brunelle, MD	1983–84	Jerald P. Kuhn, MD
1996	Lloyd L. Morris, MD	1984–85	Lionel W. Young, MD
1996	Heidi B. Patriquin, MD	1985–86	John C. Leonidas, MD*
1997	John F. O'Connor, MD	1986–87	Derek C. Harwood-Nash, MD, DSc*
1997	Theodore E. Keats, MD	IPR '87	Denis Lallemand, MD (ESPR)
1998	Rita L. Teele, MD	1987–88	Beverly P. Wood, MD
1998	H. Ted Harcke, MD	1988–89	John F. O'Connor, MD
1999	J. Bruce Beckwith, MD	1989–90	E.A. Franken, Jr., MD
2000	Joseph Volpe, MD	1990–91	Donald R. Kirks, MD
2001	Ulrich V. Willi, MD	IPR '91	Hans G. Ringertz, MD, PhD (ESPR)
2001	Henrique M. Lederman, MD	1991–92	William H. McAlister, MD
2001	Mutsuhisa Fujioka, MD	1992–93	M. B. Ozonoff, MD
2002	Eric J. Hall, DSc, FACR, FRCR	1993–94	Joanna J. Seibert, MD
2002	Walter Huda, PhD	1994–95	Eric L. Effmann, MD
2003	Michael R. Harrison, MD	1995–96	Kenneth E. Fellows, MD
2004	Lee F. Rogers, MD	IPR '96	Paul S. Thomas, MD (ESPR)
2005	Carden Johnston, MD, FAAP, FRCP	1996–97	Diane S. Babcock, MD
2006	Alan B. Retik, MD	1997–98	Charles A. Gooding, MD
2007	Robert R. Hattery, MD	1998–99	Robert L. Lebowitz, MD
2008	Professor Hassen A. Gharbi	1999–00	Thomas L. Slovis, MD
		2000–01	Janet L. Strife, MD
		IPR'01	Francis Brunelle, MD (ESPR)
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		2003–04	David C. Kushner, MD
		2004–05	Stuart A. Royal, MD
		2005–06	George A. Taylor, MD
		IPR'06	Richard Fother, MD (ESPR)
		2007	Marilyn J. Goske, MD
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1958–59	Edward B. Neuhauser, MD*		
1959–60	Frederic N. Silverman, MD*		
1960–61	John F. Holt, MD*		
1961–62	Arthur S. Tucker, MD*		
1962–63	John W. Hope, MD*		
1963–64	R. Parker Allen, MD		
1964–65	Edward B. Singleton, MD		
1965–66	J. Scott Dunbar, MD*		
1966–67	Harvey White, MD*		
1967–68	M.H. Wittenborg, MD*		

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2006	Corning Benton, Jr., MD
2007	Michael P. D'Alessandro, MD
2007	Janet R. Reid, MD
2008	Dorothy I. Bulas, MD

JOHN A. KIRKPATRICK YOUNG INVESTIGATOR AWARD

This award is given to the author of the best paper presented by a Resident or Fellow at the SPR meeting. Beginning in 1995, the award became known as the John A. Kirkpatrick Young Investigator Award.

1993	Philipp K. Lang, MD
1993	Stephanie P. Ryan, MD
1994	Sara O'Hara, MD
1995	Philipp K. Lang, MD
1996	Fergus V. Coakley, MB, FRCR
1997	Ronald A. Alberico, MD
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1999	A. E. Ensley, BS
1999	R.W. Sze, MD
2000	S. H. Schneider, MD
2001	Valerie L. Ward, MD
2002	Ricardo Faingold, MD
2003	Andrea Doria, MD
2004	Nina M. Menezes, PhD
2005	Lena Naffaa, MD
2006	Courtney A. Coursey, MD
2007	Ashley J. Robinson, MBChB

WALTER E. BERDON AWARDS**Best Basic Science Paper 2007**

Hyun Woo Goo, Dong Soo Suh, "The Influences of Tube Voltage and Scan Direction on Combined Tube Current Modulation: A Phantom Study"

Best Clinical Research Paper 2007

I-Chen Tsai, Tain Lee, Yun-Ching Fu, Sheng-Lin Jan, Chung-Chi Wang, Yen Chang, Min-Chi Chen, "Using Multidetector-row CT in Neonates with Complex Congenital Heart Disease to Replace Diagnostic Cardiac Catheterization for Anatomical Investigation: Initial Experiences in Technical and Clinical Feasibility"

For a list of winners prior to 2007, please visit the SPR website.

THE SPR RESEARCH AND EDUCATION FOUNDATION AWARDS

The SPR Research and Education Foundation is dedicated to promoting research and scholarship in pediatric radiology. The SPR Board of Directors has supported research through grants since 1990. The Foundation was established in 1994 with an initial donation from the Society's reserves.

The Jack O. Haller Award for Excellence in Teaching

2005	Alan Daneman, MD
2006	William R. Cranley, MD and John F. O'Connor, MD
2007	Cindy R. Miller, MD
2008	Sara J. Abramson-Squire, MD

The Heidi Patriquin International Fellowship

2005	Luy Lyda, MD , <i>Angkor Hospital for Children</i> , Siem Reap, Cambodia
2006	Hakima Al-Hashimi, MD , <i>Salmaniya Medical Complex</i> , Manama, Bahrain
2006	Panee Visrutaratna, MD , <i>Chiang Mai University</i> , Chiang Mai, Thailand
2006	Juana Maria Vallejo, MD , <i>Clinica del Country</i> , Bogota, Colombia
2007	Nathan David P. Concepcion, MD , <i>St. Luke's Medical Center</i> , Quezon City, Philippines
2008	Rolando Reyna Lopez, MD , <i>Hospital Santo Tomas</i> , Panama City, Panama

Seed Grants—2007

Susan E. Sharp MD, *Cincinnati Children's Hospital*, “[F-18] FDOPA Imaging of Brain Tumors in Children”

SPR Fellow Award

Roberto Accorsi, PhD, *Children's Hospital of Philadelphia*, “Optimal Dose Regimen in Pediatric PET Imaging”

2008 Research and Education Foundation Research and Education grant awards will be announced at the meeting.

For a list of prior grant winners, please visit the SPR website.

SOCIAL EVENTS

Welcome Reception

Wednesday, May 7

6:15–7:30 p.m.

Hacienda Plaza, Fairmont Scottsdale Princess

Hors d'oeuvres and Refreshments

Casual Attire (This will be an outdoor event)

Annual Reception and Dinner Dance

Friday, May 9

6:30–11:00 p.m.

Fairmont Scottsdale Princess

Reception, Dinner and Dancing

Business Attire

Tours and Golf Tournament

Wednesday, May 7

Desert Botanical Garden/Heard Museum

9:00 a.m.–1:00 p.m.

\$68 per person/\$45 children under 12

This tour combines two of the Valley's most unique and interesting visitor attractions. The Desert Botanical Garden is the only botanical garden dedicated to the study of desert plant life. Its display of over 15,000 desert plants is one of the finest in the world. The Heard Museum captures the heritage and culture of the American Indian and has become one of the premier showcases of the Southwestern Indian culture.

Thursday, May 8

Mountain Biking

6:30 a.m.–10:00 a.m.

\$115 per person

See the beautiful Sonoran Desert from atop a high-tech mountain bike and prepare yourself for breathtaking desert views and mountain panoramas. You'll be transferred out to the trails via open-air jeeps where you'll board your bikes and head out on the trails with your guide. *Minimum age is 10 years.*

Hiking

6:30–10:30 a.m.

\$100 per person

This is not your average nature walk—this adventure will give you a real appreciation for the Arizona desert. Your tour will be led by a naturalist who is well schooled on geography, geology, ancient cultures and desert survival.

Sedona and Oak Creek Canyon

9:00 a.m.–4:00 p.m.

\$85 per person/\$65 children under 12

This full day excursion is an introduction to the Red Rock countryside of Sedona and Oak Creek Canyon. On the way, you'll stop at Montezuma Castle National Monument and view the 13th century five-story pueblo built by the Sinagua Indians. Once you arrive in Sedona, you'll have time to shop in Tlaquepaque, a picturesque, recreated Mexican village offering original art work, jewelry, clothing and gifts. *Lunch is on your own.*

Night Vision Hummer Tour

7:00–11:00 p.m.

\$185 per person

Your guide will use full military Night Vision to navigate the trail in the dark while you spot wildlife from the comfort of your Hummer with your ITT GEN 3 Nite Scopes! Halfway into the trail, you will spend time in the sand, experiencing full military issue Raytheon Thermal Imaging which works off the body heat of wildlife up to 500 m away in the dark. In addition, your experienced naturalist will share with you the history of Arizona, the desert life and vegetation.

Friday, May 9

Hiking

6:30–10:30 a.m.

\$100 per person

This is not your average nature walk—this adventure will give you a real appreciation for the Arizona desert. Your tour will be led by a naturalist who is well schooled on geography, geology, ancient cultures and desert survival.

Flatwater Rafting

1:00 p.m.–5:30 p.m.

\$110 per person

Experience the desert from a different perspective as you take a relaxing and scenic trip down one of Arizona's spectacular rivers. The Lower Salt and Verde rivers are a favorite foraging area for bald eagles, wild horses, coyote, mule deer, desert bighorn sheep and a wide variety of migratory bird species.

Golf Tournament

1:30 p.m.

\$170 per person

Set in the Sonoran Desert and surrounded by the majestic McDowell Mountains, TPC Scottsdale, embodies the standards of excellence in golf operations worldwide. The tournament will take place on the Stadium Course, a masterful blend of challenge and playability for the enjoyment of all levels of golfers, professional and amateur alike. The format of the tournament will be a four-person scramble, with teams assigned randomly by the handicap information you provide. *Metal spike alternatives are recommended. Rentals of shoes and/or clubs will be paid directly to the pro shop at the time of the tournament. Tournament includes green and cart fees, practice balls, tournament coordination, bag handling gratuity and prizes. The golf tournament is based on a minimum number of participants and is subject to cancellation if the minimum is not met. Registrations must be received by April 4, 2008, after which they will be accepted on a space available basis. Cancellations received prior to April 4, 2008, are fully refundable, after which no refunds will be issued.*

All tours include round trip transportation, tour guides, gratuities, admissions if applicable and soft beverages on board.

Please see the Meeting Registration Staff for additional information.

SPR 2008 Gold Medalist

Barry D. Fletcher, MD

The Gold Medal of The Society for Pediatric Radiology is our most distinguished honor. The SPR Medal is awarded to pediatric radiologists who have contributed greatly to the SPR and our subspecialty of pediatric radiology as a scientist, teacher, personal mentor and leader.



Barry D. Fletcher, MD embodies the personal and professional attributes deserving of the SPR Gold Medal Award. “Barry is truly a renaissance pediatric radiologist who has achieved the highest levels in research, education, leadership, and contribution to our Society,” says Dr. Tom Slovis.

Dr. Fletcher was raised in a medical family in a small community (pop. 3,000) in Southern Ontario, Canada. His father was a much loved general practitioner who made house calls and was very interested in radiology. His mother was a nurse.

After graduating from medical school at McGill University, he stayed in Montreal and spent his internship and radiology residency years at the Royal Victoria Hospital under Robert Fraser of “Fraser and Paré” fame. At the invitation of Russell Morgan, he spent roughly the next 4 years at Johns Hopkins University as resident, fellow (“with [his] old friend Jerry Kuhn”), and junior faculty member. Barry credits the “truly great experience” of working with Olga Gatewood and John Dorst as the reason he became a pediatric radiologist.

Dr. Fletcher describes his post-training career in three phases. First, was his time at the Montreal Children’s Hospital

where he worked with Scott Dunbar, Mary Ellen Avery, and Leo Stern and focused his research on neonatal lung disease. Barry’s 1970 paper may well be the first description of pulmonary interstitial emphysema—an entity now well-known to pediatric radiologists and pediatricians alike.

The second phase of his career evolved while at Rainbow Babies and Children’s Hospital in Cleveland (1974–1987). His avant-garde contribution in the 1980s was with respect to pediatric congenital heart disease. He explored the utility of MR in such cases—the new imaging modality of the time—and expanded the use of MR to investigate the diagnosis of congenital heart diseases. During this time, Barry also delved into the use of MR for detecting neuroblastoma metastases. As he had done in Montreal, Barry continued publishing “firsts”: some of the first cardiac MRI of congenital heart disease in collaboration with pediatric cardiologist Mark Jacobstein and the first MRI description of osteomyelitis in collaboration with orthopedic surgeon Peter Scoles.

Barry’s talent as a superb teacher meant that residents and fellows could count on his presentations being well-organized, complete, and up-to-date. This mantra continued throughout his reign as Director, Division of Pediatric Radiology at Rainbow Babies and Children’s Hospital, Cleveland, and onward. His expansive subject knowledge meant that he was repeatedly sought after to participate in formal and informal multidisciplinary conferences. His skills in teaching and resident training led to his serving as Director of the Radiology Resident Training Program at University Hospitals of Cleveland from 1986 until his move in 1987.

From Cleveland, Dr. Fletcher moved south to St. Jude Children’s Research Hospital, Memphis, where he built an outstanding pediatric oncologic imaging department that, to this day, “pushes the envelope of technology” for the benefit of children and young adults worldwide. His commitment to pediatric imaging research flourished in such a setting and represents the third phase of his esteemed career. He was awarded an ALSAC endowed Chair in 1996 (the first of its kind) through which he also helped support the purchase of software that became the foundation of my own clinical research in skeletal toxicities. Though always a prolific writer, Barry published profusely while at St. Jude, describing characteristics of unusual tumors and probing the utility of MR in disease staging and treatment monitoring. He left an indelible mark on MR imaging for oncologic musculoskeletal tumors.

Barry identifies two projects as being particularly interesting: the MR appearance of bone marrow patients receiving granulocyte cell stimulating factor and the work on dynamic enhanced MRI (DEMRI) with Gene Reddick. Soheil Hanna was an enormous help in the early MR investigations of bone and bone tumors. Barry humbly describes these efforts as, "... mainly descriptive efforts, which, after all is what radiologists are all about. I like to think that I was also capable of doing analytic investigations on occasion." His receipt of ten extramural grants as either Principal Investigator or as Co-Investigator speaks to his analytic capabilities. Barry was always a proponent of education and intellectual exploration. He intellectually and financially supported the early investigations of others many: Gene Reddick's development of DEMRI and the development of MR autosegmentation techniques; Robert Ogg's development of functional neuroimaging; Kathleen Helton's evolution as a neuroradiologist, whose current primary research focuses on MR diffusion tensor imaging; my own research in bone mineral density and others.

After 12 years at St. Jude, Barry "retired" and worked on the tenth edition of Caffey while also enjoying several consulting positions; especially returning to St. Jude. In addition to his clinical and research responsibilities, Barry always made time for activities in support of Rainbow Babies and Children's Hospital, St. Jude, the Society for Pediatric Radiology, and his local community. Barry Fletcher continues to share his knowledge and expertise with colleagues around the world. His 3-year association with Project Hope China as a volunteer consultant at Shanghai Children's Medical Center (SCMC) was tremendously rewarding for him. His teaching, friendship, and advice has left a lasting mark on the radiologists at SCMC and contributed to improving the medical care of children in China. Closer to home, he volunteers as an AIDS Project volunteer, serves on the Gold Medal Council of the Mission Children's Hospital, is on the Board of Directors of Haw Creek Fire and Rescue, Inc., is a Hike Leader for the Carolina Mountain Club, and serves on the steering committee for Friends of the Blue Ridge Parkway.

His quiet, pensive demeanor often masks his sense of humor and the intensity of his commitment to pediatric imaging and research. He seldom complained, kept long hours at work, and continued to accept clinical responsibilities equal to the rest of the faculty until retirement. His work has been nationally and internationally recognized and he has received certification from the American Board of Radiology with a certificate of added qualifications in pediatric radiology, the Royal College of Physicians and Surgeons of Canada, and induction as a Fellow in the American College of Radiology. For many years, Dr. Fletcher examined candidates for the American Board of Radiology.

The Society for Pediatric Radiology benefited from Dr. Fletcher's expertise and drive through his serving on the multiple committees, Board of Directors, and the Research and Education Foundation, not to mention his numerous paper presentations.

A picture of Barry Fletcher would not be complete without his wife Heather, who he aptly describes as the "wind under my wings," sharing the limelight. A freelance medical writer of her own repute and a skilled artist, Heather has shared Barry's love of traveling the globe, skiing, and hiking, for 30 years this month. Three Fletcher children (Chris, Mark, and Jennifer) and two grandchildren (Gabriel and Stella) round out the Fletcher clan. In addition to his love of family and of practicing pediatric radiology, he is adept at playing the saxophone, enjoys dancing, skiing, swimming, hiking, scuba diving, and is now learning to play the piano.

In summary, Dr. Barry Fletcher has "an eye" that identifies imaging patterns and he possesses the ability to assimilate these findings with clinical information, providing a succinct and targeted differential diagnosis. His career has been devoted to developing imaging techniques—particularly MR—to benefit pediatric patients, generously sharing his expertise worldwide, and promoting the careers of the next generation of researchers and pediatric imagers. Barry, we thank you.

Sue C. Kaste, DO

SPR 2008 Pioneer Honoree

Paul S. Babyn, MD

Pioneer Honorees were first acknowledged in 1990 as a means to honor certain physicians who made special contributions to the early development of our specialty.



Dr. Paul S. Babyn is this year's recipient of the Pioneer Award for his contributions to the field of pediatric radiology, particularly in the area of musculoskeletal imaging.

Dr. Babyn is a Canadian and was born in Toronto, Ontario where he grew up and received his education until the end of high school. Both of his parents were physicians. Dr. Babyn and his wife, Elizabeth, met in Montreal and they now live with their four children in the countryside just outside Toronto.

While at school he developed an interest in both electrical engineering and biology and considered a career in bioelectrical engineering as he had become interested in prosthesis design. To pursue these interests he moved to Boston in 1974 for undergraduate studies at the Massachusetts Institute of Technology. Here he earned two degrees; one in Electrical Engineering and a second in Biology in 1978. Realizing that there were probably more opportunities for research in medicine, he returned to Canada in 1978 and attended medical school at McGill University in Montreal, Quebec, graduating in 1982.

He then chose to specialize in radiology in order to further his diverse interests in electrical engineering, biology and medicine and returned to the United States in July of 1982 to complete a radiology residency in the Department of Radiology at the Pennsylvania Hospital in Philadelphia. It was here that he developed a specific interest in pediatric radiology and because of this he returned to Canada in 1986 to do a two-year Fellowship in pediatric radiology at the Hospital for Sick Children in Toronto. In July of 1988, he

started as a Staff Radiologist in the Department of Diagnostic Imaging at the Hospital for Sick Children and since 1998 has been the Radiologist-In-Chief of this same Department.

Dr. Babyn's commitment to caring for pediatric patients is reflected in the manner in which he devotes himself to all aspects of pediatric radiology including service, teaching and research. His interests in pediatric imaging are extremely wide but his main area of interest has been in body imaging and he has made his main contributions in musculoskeletal imaging. In this latter field, he has been on several teams at the Hospital which have received research grants and on some of the teams, he has been the Principal Investigator. He has also collaborated successfully with researchers from other institutions affiliated with the University of Toronto.

Despite the fact that his main area of interest is musculoskeletal imaging, his interests remain wide and this is reflected in the 2 books he has authored. The most recent, published in 2006, is entitled *Teaching Atlas of Pediatric Imaging*, which covers a wide range of pediatric pathologies. The previous book, published in 2000, co-authored with Dr. David Stringer, is entitled *Pediatric Gastrointestinal Imaging and Intervention*.

His wide range of interests in pediatric radiology is also reflected in the wide range of topics he has published as primary author or co-author. For instance, he was part of the team at The Hospital for Sick Children that reported the association between gastric outlet obstruction and prostaglandin therapy in neonates, published in the *New England Journal of Medicine* in 2002. He also collected data from many countries during the SARS epidemic and published his findings in *Pediatric Radiology* in 2004 on the chest radiographic features of SARS in children. This was awarded the Walter Berdon prize for the most important clinical paper of the year in *Pediatric Radiology*. Furthermore, he also has areas of interest outside of clinical medicine and has published on imaging processing and computer aided techniques.

Dr. Babyn is also committed to teaching residents and fellows and has received the "Excellence in Teaching" award from the Department of Medical Imaging at the University of Toronto as one of the outstanding teachers on many occasions.

Dr. Babyn is an individual with extremely wide interests in the field of pediatric radiology and a commitment to providing excellence in service, teaching and research. He has made contributions not only in his main area of interest but in others as well. There is no doubt that he will continue to be active and contribute in many areas of pediatric imaging in his future career.

Alan Daneman, MD

SPR 2008 Presidential Recognition Award

Mary K. Martel, PhD

The Society bestows Presidential Recognition Awards on members or other individuals whose energy and creativity have made a significant impact on the work of the Society and its service to its members.



Dr. Mary K. Martel is currently the Chair of the Board of Directors of the American Association of Physicists in Medicine (AAPM) in 2008, and was President in 2007, the year that the AAPM signed on to the Alliance for Radiation Safety in Pediatric Imaging as a founding member. The emphasis of Mary's research career has been the study of normal tissue toxicity effects from radiation, and she recognizes the importance of "imaging children gently" and the leadership role medical physicists should take in helping to reduce the risk of radiation-induced disease in the community.

Dr. Martel was educated as a nuclear physicist with a PhD granted by Clark University in 1982. She entered the field of medical physics through a clinical training postdoctoral fellowship at Memorial Sloan-Kettering Cancer Center. Mary has been on the faculty at Columbia University,

University of Michigan and University of Chicago, and is currently Professor and Deputy Chief of Clinical Services in the Department of Radiation Physics at the University of Texas MD Anderson Cancer Center. She has published over 70 publications and book chapters on clinically relevant topics in radiation oncology physics.

Her most important contribution has been the biological modeling of normal tissue toxicity effects from radiation treatments with several key papers published analyzing the complication rate as a function of dose and volume of radiation, enabling the use of quantitative clinical data for treatment decisions. Mary had a major role on a medical physics-focused program project funded by the National Cancer Institute for 10 years on optimization of high dose conformal therapy at the University of Michigan, and has served as a permanent member of the NCI's radiation research grant review study section. She was honored to be elected Fellow of the AAPM.

Mary has had sustained interest in professional activities through the years, which has evolved into leadership roles in the AAPM and ASTRO. Mary was elected to AAPM presidency in 2007, the second woman to hold this position in the 5-year history of the AAPM. Mary is especially grateful to her husband John Carr and 8 year old son Max for their loving support of her career (especially during the travel!)

Dr. Martel would like to accept the 2008 Presidential Recognition Award on behalf of the American Association of Physicists in Medicine. She would like to recognize the members who have represented the AAPM in the Alliance: Keith Strauss, MS of Children's Hospital Boston and Priscilla (Penny) Butler, MS of the ACR are members of "the Writers Group". Russ Ritenour, PhD of the University of Minnesota and Lynne Fairbent, Legislative and Regulatory Affairs manager with the AAPM are representatives to the Alliance.

SPR 2008 Presidential Recognition Award

Connie L. Mitchell, MA, RT(R)(CT)

The Society bestows Presidential Recognition Awards on members or other individuals whose energy and creativity have made a significant impact on the work of the Society and its service to its members.



A commitment to the radiologic science profession, her students and quality imaging of pediatric and geriatric patients exemplifies the 37-year career of Connie L. Mitchell, MA, RT (R)(CT), president of the American Society of Radiologic Technologists.

In 1969 Connie entered the radiography program at Mercy Hospital in Council Bluffs, Iowa. Upon graduation she took the American Registry of Radiologic Technologists certification exam and accepted her first job as a radiographer in fluoroscopy at the University of Nebraska Medical Center. In a short time, she advanced from fluoroscopy technologist to area fluoroscopy supervisor. Connie was fortunate to work with Dr. Gayle Bickers, a pediatric radiologist who now lives in Amarillo, TX, USA. Connie credits this working relationship for her acute awareness of radiation safety in pediatric imaging and the techniques and processes radiographers can employ to ensure appropriate doses for children. When an

opening arose for a clinical coordinator of the university's radiography program, Connie applied and at age 41 went back to school to earn the prerequisite baccalaureate degree. In 1993 she became clinical coordinator; 1 year later she began work on a master's degree in health education, setting her sights on becoming a radiography program director. She achieved that goal in 2000, when she was named radiography program director at the University of Nebraska Medical Center. People who know Connie describe her as a dedicated, committed goal-setter who does what she says she is going to do and has a hard time saying "no" to good causes.

Connie's ASRT involvement began at the state affiliate level, where she served on the board of directors and as a delegate for more than 10 years. She was inspired to run for national office by others who had served. She wanted to grow her leadership skills and take part in the decision-making that set the path for the radiologic science profession. She is proud of the role the ASRT plays in the Image Gently campaign and prouder still that the ASRT was asked to be a founding member of the Alliance for Radiation Safety in Pediatric Imaging. Technologists are at the front line, working directly with patients to create the images physicians use to determine their diagnoses. Connie fervently believes it is each and every technologist's ethical obligation to produce the best images in the safest manner possible for the patient. As a program director, Connie is a positive role model for her students, who witness firsthand her involvement and commitment as ASRT president, promoting awareness of radiation dose in pediatric imaging and helping them understand the lasting effect radiation can impose on children throughout their lifetime. Of all the accolades Connie has received in her career, receiving the SPR Presidential Award while she serves as the ASRT president is the highest honor of them all.

*Nora J. Tuggle, CAE
EVP and Chief Marketing and Communications Officer
American Society of Radiologic Technologists*

SPR 2008 Presidential Recognition Award

Harvey L. Neiman, MD

The Society bestows Presidential Recognition Awards on members or other individuals whose energy and creativity have made a significant impact on the work of the Society and its service to its members.



There are three words that describe Dr. Harvey Neiman, one of the recipient's of this year's Presidential award. They are: thoughtful, fair and forward thinking. Since taking the helm of the American College of Radiology in 2000, Dr. Neiman has furthered his reputation as a man on a mission... a mission to enhance patient care and safety and to improve the recognition of the critical role of the radiologist as a member of the health care team. This mission dovetails perfectly with the Image Gently Campaign, which he has championed. Dr. Neiman's leadership style is one of cutting to the chase and action. If a program or activity promotes patient care he places the considerable resources of the American College of Radiology toward that mission. The profession of radiology is richer due to the work of this visionary leader.

Dr. Neiman was born and raised in Detroit, Michigan and is a man from a modest background. His father was a plumber and his mother was a housewife. He obtained his medical degree from Wayne State University. He did his medical internship at the University of Cincinnati Hospital and his radiology residency at the University of Michigan Medical Center followed by a one-year fellowship in angiography at the University of Michigan. From 1985–2003 he was chair of the Department of Radiology at The Western Pennsylvania Hospital in Pittsburgh, Pennsylvania. During his career he has served as the president of a

radiology group, the chair of a hospital radiology department and vice president of the hospital for imaging services. From 1979 to 1985, he served as Director of Angiography at Children's Memorial in Chicago.

He has received many honors including fellowship in the American College of Radiology, American Institute of Ultrasound in Medicine, Society of Radiologists in Ultrasound and the Society of Cardiovascular and Interventional Radiology. He also received the teacher of the Year Award in the Radiology Residency Program at The Western Pennsylvania Hospital, the Distinguished Alumni Award at Wayne State University School of Medicine and the Presidential Award from the American Institute of Ultrasound in Medicine (AIUM) as part of his strong commitment to the future leaders of radiology, he has served as a member of the residency review committee for diagnostic radiology as part of the Accreditation Council for Graduate Medical Education.

His many accomplishments in the field include publishing over 120 scientific papers, 26 book chapters and is the author of the book, *Angiography of Vascular Disease*. A sought after speaker, he has given more than 120 invited lectures and scientific presentations.

He has been a member of the American College of Radiology for the past twenty-one years and served on many committees and commissions including the Commissions on Education, Ultrasound, and Economics. He also served as chair of the Commissions on Ultrasound and Economics. From 1994–2002, he was a member on the ACR Board of Chancellors and also served as chairman of the board from 2000–2002. He was President of the Radiology Advocacy Alliance from 1998 to 2000.

He currently serves as the Executive Director of the American College of Radiology, where his excellent business skills, knowledge of health policy and economic issues, and strong administrative background has propelled the ACR to even greater heights. His goal, to ensure that the ACR's resources benefit all radiologists and all patients across all economic strata, is evident in his actions at the College.

He is most proud of his lovely and talented wife, Ellie and his two very accomplished daughters. A golfer, runner and classical music aficionado, his hobbies reflect the man... thoughtful, fair and on the move. The Society for Pediatric Radiology and the field of radiology has benefited greatly from this man and his leadership.

Adaptation by Marilyn J. Goske, MD

SPR 2007 Honorary Member

Professor Hassen A. Gharbi

The Society extends Honorary membership to individuals outside of pediatric radiology who have made outstanding contributions to the care of children.



In recognition of his outstanding academic achievements and international leadership in pediatric radiology, Professor Hassen Gharbi is awarded Honorary Membership in the Society for Pediatric Radiology.

Born in a village in Tunisia in northeast Africa, Professor Gharbi was educated at the Sorbonne and the University of Paris Medical School where he received his M.D. degree and trained in radiology under such luminaries as Professor Jacques Lefebvre, Clement Faure and Jacques Sauvegrain. He also studied Biophysics at the University of Paris and served four years there as assistant professor of the Biophysics Department. After his sojourn in Paris, he returned to his native land of Tunisia as the ninth Tunisian radiologist and the first biophysicist.

He served as Chairman of the Department of Radiology at the Children's Hospital in Tunis for twenty years and also served as Vice Dean of the Medical School in Tunis. Simultaneously he was Chairman of the Medical Biophysics Department. He served as president of the Radiological National Commission in the Ministry of Public Health in Tunis for ten years. He has served as an expert in Radiation Protection and Pediatric Radiology for the World Health Organization (WHO) since 1993.

Professor Gharbi was president of the Tunisian Society of Medical Sciences and president of the Tunisian Society of

Radiology for eight years. He was founder and president of the Tunisian Medical Society of Electronics and Biomedical Engineering. He is a Board Member of the World Federation for Ultrasound in Medicine and Biology (WFUMB), a Board Member of the International Society of Radiology, and a Board Member of the Radiology Outreach Foundation.

Professor Gharbi has received numerous awards during his distinguished academic career including Honorary Member of the Italian Society of Ultrasound, Honorary Member of the French Society of Radiology, Honorary President of the Tunisia Society of Radiology, and Honorary Member of the AIUM. He received the Medal of Honor from Syria, The International Prize from Italy, and an Outstanding Service Award in Public Health from Tunisia.

Professor Gharbi is recognized as being the founder of the first pediatric radiology department and the founder of the first ultrasound department in Tunisia and in North Africa. He has published as author or co-author more than twenty books mainly dealing with pediatric radiology. He has served as a member of the editorial board of numerous international radiology journals. He has published over 120 scientific articles and has been an invited speaker to more than forty international meetings. He has spoken under the auspices of WHO and WFUMB at numerous international courses particularly in developing countries. His main research interests have been on ultrasound application in the pediatric age group, cardiac computed tomographic scanning, hydatid disease, and urinary tract infections.

Professor Gharbi has been married for forty years to his wife, Najoua, who is a Professor in the University of Tunis Science Faculty. His son Mehdi is an engineer trained in France and now works as general manager of a corporation. His daughter Monia Kamela has a Ph.D. in international finance, Paris Dauphine University and is an Assistant Professor at University of Tunis.

Beloved by his colleagues and respected by the international radiology community, Professor Gharbi has dedicated his academic career to patient care, research, and teaching with a clear vision of what is needed in developing countries. He has been a champion of the medically disadvantaged and underserved population. Because of his illustrious career, the Society for Pediatric Radiology is privileged to welcome him as an Honorary Member.

Charles A. Gooding, MD

SPR 2008 Singleton-Taybi Award

Dorothy I. Bulas, MD

The Singleton-Taybi Award is given in honor of Edward Singleton and Hooshang Taybi, in recognition of their personal commitment to the educational goals of the SPR. Initiated in 2006, the Award is presented annually to a senior member of the SPR whose professional lifetime dedication to the education of medical students, residents, fellows, and colleagues has brought honor to him/her and to the discipline of pediatric radiology.



The Singleton Taybi Education award is given to a senior member of the Society in recognition of their personal commitment to the educational goals of the SPR and professional lifetime dedication to the education of medical students, residents, fellows, and colleagues. This description captures the dedication that Dr. Dorothy Bulas has toward the Society and her trainees both nationally and internationally. Dorothy is a woman with unlimited energy, enthusiasm and intelligence and the Society her trainees and patients have benefited. While you may think we are exaggerating her list of accomplishments, scientific articles and invited presentations fill 38 pages of her CV! She completed her residency in diagnostic radiology at the Albert Einstein School of Medicine. She finished her fellowship in pediatric radiology in 1989 at Children's National Medical Center and has remained on staff where she is Chief of Ultrasound. She has made particular contributions in the field of Doppler ultrasound in children with sickle cell disease, has participated in National Institutes Hospital grant funded work in pediatric trauma, and is a highly regarded expert in prenatal ultrasound and MR. Serving on numerous SPR committees

and recently as Secretary of the Society, Dorothy has Chaired the Task Force on Education and the first Education Summit held at SPR 2007.

Never one to do things halfway, Dorothy pursued a second 2 year fellowship in the master teacher program sponsored through the George Washington University Graduate School of Education and Human Development in 2004 to enhance her already superb teaching and communication skills. She has been the fellowship program director at Children's National Medical Center since 2005 and prior to that was program director in diagnostic imaging from 2002 to 2006. Many of her over 70 published articles in peer reviewed journals are with trainees whom she has mentored. Dorothy originally trained as a pediatrician before transferring into radiology and her "inner pediatrician" shines in her love of patients in her radiology practice. Her ability to communicate compassionately with her patients is exemplified in a dedicated clinic where she counsels parents with prenatal imaging findings. The list of accolades, from "America's Top Pediatrician to Top Radiologists" gives some insight into the range of her clinical talents. Dorothy loves to teach and travel. She has been invited lecturer and has organized numerous international lectures and training programs for her parent's homeland of Poland to lectures in Columbia, South America (accompanied by some salsa dancing, on the side.) It is fitting that in 2011 she will be President of SPR and co-host the 2011 International Pediatric Radiology meeting in London.

As Chair of the SPR Workforce Taskforce she has energized her committee and developed presentations to be given to radiology residents to enter her beloved field of pediatric radiology, changing their perception and personally influencing numerous residents to enter pediatric radiology.

A description of Dorothy would not be complete without mention of the significant men in her life, her husband Neil Kurzrok, MD, a neurologist and her two sons, Mark and Adam. Neil is a significant factor in Dorothy's success. A mother who never missed the soccer games or picture session for the senior prom, she has been continuously involved with her family's activities. Whether camping in St. John or skiing with her 84-year old father, Dorothy would be the first to tell you that she is most fortunate in her wonderful family.

Dorothy's strong commitment to the SPR, her patients, and the education of her trainees make her the perfect recipient for this education award.

Marilyn J. Goske, MD and Carol M. Rumack, MD



John Caffey, MD 1895–1978

Dr. Caffey was regarded throughout the world as the father of pediatric radiology. His classic textbook, “Pediatric X-Ray Diagnosis”, which was first published in 1945, has become the recognized bible and authority in its field. The seventh edition of this book was completed several months before his death in 1978. It has been among the most successful books of its kind in the medical field.

Dr. Caffey was born in Castle Gate, Utah on March 30, 1895. It is interesting that he was born in the same year that Roentgen discovered the X-ray. Dr. Caffey was graduated from University of Michigan Medical School in 1919, following which he served an internship in internal medicine at Barnes Hospital in St. Louis. He spent three years in Eastern Europe with the American Red Cross and the American Relief Administration, and returned to the United States for additional training in medicine and in pediatrics at the Universities of Michigan and Columbia, respectively.

While in the private practice of pediatrics in New York City at the old Babies Hospital of Columbia University College of Physicians and Surgeons, he became interested in radiology and was charged with developing a department of pediatric radiology in 1929. He frequently expressed appreciation and admiration for the late Ross Golden,

Chairman of Radiology at Columbia Presbyterian Hospital, who allowed him to develop a separate department of diagnostic radiology without undue interference, and who was always available to help and advise him.

Dr. Caffey’s keen intelligence and inquiring mind quickly established him as the leader in the fields of pediatric X-ray diagnosis, which recognition became worldwide almost instantaneously with the publication of his book in 1945.

Dr. Caffey received many awards in recognition of his achievements. Outstanding among these were the Mackenzie Davidson Medical of the British Institute of Radiology in 1956, the Distinguished Service Award of the Columbia Presbyterian Medical Center in 1962, the Outstanding Achievement Award of the University of Michigan in 1965, the Howland Award of the American Pediatric Society in 1967, the Jacobi Award of the American Medical Association in 1972, and the Gold Medal Award of the American College of Radiology in 1975. He had been a member of the American Journal of Roentgenology. He was a counselor of The Society for Pediatric Radiology and was an honorary member of the European Society of Pediatric Radiology.

Dr. Caffey’s contributions to the pediatric radiologic literature were many. He was instrumental in directing attention to the fact that a prominent thymic shadow was a sign of good health and not of disease, an observation that literally spelled the end to the practice of thymic irradiation in infancy. Infantile cortical hyperostosis was described by him and is called “Caffey’s Disease”. Dr. Caffey in 1946 first recognized the telltale radiographic changes that characterize the battered child, and his students helped disseminate his teachings about these findings. It was Dr. Caffey who first recognized and described the characteristic bony changes in vitamin A poisoning. He recognized and described the findings associated with prenatal bowing of the skeleton.

In 1963, three years after his retirement from Babies Hospital, he joined the staff of the Children’s Hospital of

Pittsburgh as associate radiologist and as Visiting Professor of Radiology and Pediatrics at the University of Pittsburgh School of Medicine. Although Dr. Caffey came to Children's Hospital and the University of Pittsburgh in an emeritus position, he worked daily and on weekends throughout the years he was there. In Pittsburgh, he made four major new contributions to the medical literature. He described the entity, "idiopathic familial hyperphosphatasemia". He recognized and described the earliest radiological changes in Perthes' Disease. He called attention to the potentially serious effects of shaking children, and used this as a subject of his Jacobi Award lecture. He described, with the late Dr. Kenny, a hitherto unrecognized form of dwarfism which is now known as the Caffey-Kenny dwarf.

The John Caffey Society, which includes as its members pediatric radiologists who have been intimately associated with Dr. Caffey, or who have been trained by his students, was established in 1961. This society is now among the

most prestigious in the field of radiology. His book and the society named in his honor will live on as important memorials to this great man.

His greatness was obvious to all who worked with him. He was warm, kind, stimulating, argumentative, and above all, honest in his approach to medicine and to X-ray diagnoses. His dedication to the truth was expressed in his abiding interest in the limitations of X-ray signs in pediatric diagnosis and in his interest in normal variation in the growing skeleton. He was concerned with the written and spoken word and was a skilled semanticist. His book and his articles are masterpieces of language and construction. He stimulated and was stimulated and loved by all who had the privilege of working with him. Radiology and Pediatrics have lost a great man, but they shall ever have been enriched by his presence.

Bertram R. Girdany, MD

Caffey Award for Best Basic Science Research Paper

- 2000 Detection of Early Atherosclerosis with Radiolabeled Monocyte Chemoattractant Protein-1 in Prediabetic Zucker Rats. Blankenberg FG, Tait JF, Strauss HW, Valentine HA.
- 2001 Computer-Simulated Radiation Dose Reduction For Pediatric Abdominal Helical CT, Frush D, Slack CC, Hollingsworth CL, Bisset III GS, Donnelly LF, Hsieh JI
- 2002 Understanding the Functional Angiogenic Process in an Antigen-Induced Arthritis Model: Correlative BOLD MR Imaging (fMRI) of the Stages of Synovitis along the Time Course of the Disease, Doria AS, Babyn PS, Crawley A, Noseworthy M, Pritzker K, Salter RB, et al
- 2003 A Novel Method for Non-Viral Gene Therapy: Transcatheter Hydrodynamic Delivery Using Isolated Liver as a Depot Organ in a Rabbit Model. Baskin K, Eastman SJ; Scheule RK; Hodges BL; Chu Qiuming; Towbin RB
- 2004 Site-Specific Induction of Lymphatic Malformations in a Rat Model for Image-Guided Therapy. Short, R, Shiels, W, Sferra T, Nicol K, Schofield M, Wiet G; *Department of Radiology, Children's Radiological Institute, Children's Hospital, Columbus, Ohio*
- 2005 Quantitative Measurement of Microbubble Ultrasound Contrast Agent Flow to Assess the Efficacy of Angiogenesis Inhibitors *In Vivo*. McCarville B, Streck C, Li CS, Davidoff A
- 2006 ⁶⁴Cu-Immuno-PET Imaging of Neuroblastoma with Bioengineered Anti-GD2 Antibodies. Stephan D Voss, MD, PhD, Radiology, Children's Hospital Boston, Harvard Medical School, Boston, MA; Suzanne V Smith, PhD; Nadine M Di Bartolo, PhD; Lacey J McIntosh; Erika M Cyr; Ali A Bonab, PhD, et. al.
- 2007 MR Imaging of Adenocarcinomas with Folate-Receptor Targeted Contrast Agents. Heike E Daldrup-Link, MD, PhD, Radiology, University of California San Francisco, San Francisco, CA; Zhen J Wang, MD; Reinhard Meier, MD; Claire Corot, PhD

Caffey Award for Best Clinical Research or Education Paper

- 2000 Cisterna Magna Thrombus and Subsequent Posthemorrhagic Hydrocephalus. Cramer BC, Walsh EA.
- 2001 Aneurysmal Bone Cysts In Children: Percutaneous Sclerosing Therapy, An Alternative To Surgery. Dubois J, Garel LA, Rypens FF, Grimard G, Isler M, Mercier C
- 2002 MR Imaging of Kidneys: Functional Evaluation Using F-15 Perfusion Imaging, Grattan-Smith D, Jones RA; Little S, Perez M, Kirsch A
- 2003 Differential Regurgitation in Branch Pulmonary Arteries after TOF Repair. Yoo SJ, Kang IS, Redington A, Benson LN; Macgowan CK; Valsangiacomo ER
- 2004 Feasibility of a Free-Breathing SSFP Sequence for Dynamic Cardiac Imaging in Pediatric Patients. Krishnamurthy, R, Muthupillai R, Vick G, Su J, Kovalchin J, Chung T; *Diagnostic Imaging, Texas Children's Hospital, Houston, TX*
- 2005 Evaluation of High Resolution Cervical Spine CT In 529 Cases of Pediatric Trauma: Value Versus Radiation Exposure. Shiran D, Jimenez R, Altman D, DuBose M, Lorenzo R
- 2006 Alterations in Regional O₂ Saturation (StO₂) and Capillary Blood Volume (HbT) with Brain Injuries and ECMO. P Ellen Grant, MD, Pediatric Radiology, Massachusetts General Hospital, Boston, MA; George Themelis; Kara Arvin, MD; Sonal Thaker; Kalpathy K Krishnamoorthy, MD; Maria Angela Franceschini, PhD
- 2007 Evaluation of Single Functioning Kidneys Using MR Urography. Damien Grattan-Smith, MBBS, Department of Radiology, Children's Healthcare of Atlanta, Atlanta, GA; Richard Jones, PhD; Stephen Little, MD; Andrew Kirsch, MD; Adina Alazraki, MD

Caffey Award for Posters

- 2001 Mitochondrial Disorders Of Oxidative Phosphorylation In Children: Patterns Of Disease Palasis S, Grattan-Smith JD, Shoffner JM, Neish AS, Stewart S
- 2002 *First Place:* Volumetric Localization of Somatosensory Cortex in Children Using Synthetic Aperture Magnetometry. Xiang J, MD, PhD, *The Hospital for Sick Children, Toronto, ON, Canada* Chuang S., MD; Holowka S; Babyn P, Otsubo H, Sharma R
- 2003 Assessing the Use of Magnetic Resonance Imaging in Determining the Age of Closure of Growth Plates. Rajwani T, Huang EM, Secretan C, Bhargava R, Lambert R, Bagnall K
- 2004 Outstanding Basic Science Research Poster - Imaging of the Diaphragm in Neonates and Young Infants, with Special Emphasis on Diaphragmatic Motion. Epelman M, Navarro O, Miller S *Department of Diagnostic Imaging, Hospital for Sick Children, Toronto, ON, Canada*
- 2004 Outstanding Clinical Research Poster - The Spectrum of Renal Cystic Disease in Children. Restrepo R, Ranson M, Sookman J, Jacobson E, Daneman A, Fontalvo L, *Department of Radiology, Miami Children's Hospital, Miami, FL*
- 2005 3D MRI and CT in the Evaluation of Congenital Anomalies of the Aortic Arch. Dehkharghani S, Olson K, Richardson, R
- 2006 Diffusion Weighted Imaging in Pediatric Neuroradiology: A Primer. Pallavi Sagar, MD, Pediatric Radiology, Massachusetts General Hospital, Boston, MA; P Ellen Grant, MD
- 2006 Imaging of Suprarenal Fossa in Children: Radiological Approach and Clinico-Pathological Correlation. Kamlesh Kukreja, MD, Radiology, Miami Children's Hospital, Miami, FL; Ricardo Restrepo, MD; Maria D'almeida, MD
- 2007 Neuroimaging of Nonaccidental Trauma: Pitfalls and Controversies. Lisa H Lowe, MD, Radiology, Children's Mercy Hospitals and Clinics and The University of Missouri-Kansas City, Kansas City, MO; Ruby E Obaldo, MD; Kristin A Fickenscher, MD; Irene Walsh, MD

For a list of Caffey award papers and posters prior to 2000, please visit the SPR website.

2008 Edward B. Neuhauser Lecture**Edward B. Neuhauser Lecture****MR Technology: Where Are We, Where Are We Going?**

Emanuel Kanal, MD, FACR, FISMRRM, AANG

Director, Magnetic Resonance Services

Professor of Radiology and Neuroradiology

University of Pittsburgh Medical Center

Pittsburgh, Pennsylvania

Previous Neuhauser Lectures

- 1993 Morrie E. Kricun, MD, Philadelphia, Pennsylvania
“Paleoradiology: A Look into the Past”
- 1994 Beverly Wood, MD, Los Angeles, California
“Acute Pulmonary Disease in the Compromised Child”
- 1995 Frances S. Collins, MD, PhD, Washington, DC
“The Human Genome Project and the Future of Medicine”
- 1996 M. Judah Folkman, MD, Boston, Massachusetts.
Clinical Applications of Angiogenesis Research
- 1997 S. Steven Potter, PhD, Cincinnati, Ohio
“Homeobox Genes and Pattern Formation (Master Genes)”
- 1998 Roy A. Filly, MD, San Francisco, California
“Fetal Thoracic Surgery”
- 1999 Harold A Richman, PhD
“Child Abuse: From a Radiologist’s Discovery to a Major Issue of Public Policy. What Have We Wrought?”
- 2000 William D. Lyman, PhD, Detroit, Michigan
“Prenatal Molecular Diagnosis and Fetal Therapy”
- 2001 Jerry R. Dwek, MD, Columbus, Ohio
“Médecins Sans Frontières/The Doctors Without Borders Experience – Afghanistan”
- 2002 Eric J. Hall, DSc, FACR, FRCR, New York, New York
“Lessons We Have Learned From Our Children: Cancer Risks From Diagnostic Radiology”
- 2003 Jeffrey A. Towbin, MD, Houston, Texas
“Molecular Cardiology: Laboratory to Bedside”
- 2004 Bruce R. Rosen, MD, PhD, Boston, Massachusetts
“New Advances in MRI: A Guide for the Practicing Pediatric Radiologist”
- 2005 Bruce R. Korf, MD, PhD, Birmingham, Alabama
“Pathobiology and Management of NF1 in the ‘Genomic Era’”
- 2006 Richard M.J. Bohmer, MD, MPH
“Evolution, Innovation and the Changing Nature of Healthcare Delivery”
- 2007 Nogah Haramati, MD
“21st Century Radiology: Growth and Development of Our Workflows and Processes”

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