



**BUILDING THE
FUTURE
OF CHILDREN'S
IMAGING**

The SPR Research
and Education
Foundation

SPR Research & Education Foundation Mission

*To improve pediatric patient care by
fostering research and education
in radiology through funding
grants and awards to promising
investigators and educators.*

The SPR Research and Education Foundation was created in 1988 and awarded its first grants in 1990. Excess funds from the IPR'87 and IPR'91 meetings provided the original funding of the foundation. Since its inception, the SPR Research and Education Foundation corpus has steadily grown mostly through the generosity and vision of SPR members. In 2000, the SPR's first Campaign for Children was launched. The Campaign for Children was successful in growing the funding power of the Foundation – both in the number and the size of grants that could be funded. Now, 15 years later, we launch **The SPR's Second Campaign for Children**, with the goal of further increasing the funding base of the R & E Foundation.

Since its inception, the SPR Research and Education Foundation has funded 127 grants ranging from \$1,015 to \$50,000. Funds have supported 104 different investigators at 57 institutions. Throughout the Foundation's history, the funding menu has grown. Most recently, In 2015, the Foundation created a new category of multi-institutional pilot grants – with grants of \$100,000 available to fund collaborative investigations across institutions.

Grants from the SPR Research and Education Foundation contribute to the development of young academic faculty. Experience gained from SPR R & E Foundation grants forms the basis for larger research grants from the government (i.e., NIH) and industry. Many SPR R & E Foundation grant recipients have advanced to become leaders in our field and leaders in the SPR. 16 grant recipients have served on the SPR R & E Board of Directors. 18 grant recipients have served on the SPR Board of Directors. 10 grant recipients have served as President of the SPR or are in line to do so.

*“As we advance the field of pediatric radiology we have the opportunity
to create a world-wide impact on the care of children.”*

Hooshang Taybi, MD

*“We'll not find the answers to our most important
questions without looking and, when we do look,
incredible, unexpected results are possible.”*

Donald P. Frush, MD, FACR

// SPR's 2nd Campaign

Our aim is to increase overall SPR Research and Education Foundation funding but also to specifically and immediately establish a grant program dedicated to funding educational projects. The Foundation Board is committed and confident: the new Educational Grant program will begin in the 2016 cycle of grant proposals.

We are calling on each and every member of our SPR “village”. Together, we can grow the SPR R & E Foundation to its potential as the powerful force for funding the ideas and projects that will transform our specialty and improve the care of children.

Why should you support the SPR Research and Education Foundation with a contribution?

1. Research in pediatric radiology improves the health care of children.
2. The SPR R & E Foundation is the only funding organization whose sole focus is on the radiologic imaging of children.
3. The opportunity provided by SPR R & E Foundation grants provides for early career development of promising pediatric radiologists.
4. More worthy applications for SPR R & E Foundation grants are received each year than can be funded. There are more people and projects to fund.
5. Put the ‘E’ in R & E! The R & E Foundation is renewing its emphasis on education.

“Advancing the specialty of pediatric radiology is all about research. My commitment as a private practice radiologist is to give back to the SPR by supporting the Foundation financially. My experience with the SPR? I have gained much more than I have given.”

Stuart A. Royal, MD, FACR

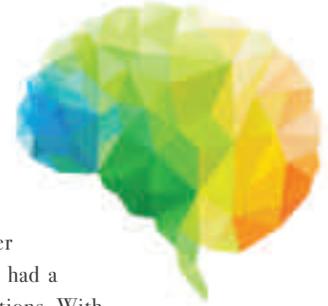


Our goal: Together we will raise \$1,000,000 from the members of The Society for Pediatric Radiology.



Putting the 'E' in R&E: Focus On Education

*Education is part of the
fabric of SPR.*



The society places great emphasis on education at our meetings and courses. Many of our members are extraordinary educators. We continually seek methods to better educate our students, our trainees and ourselves.

The SPR Research and Education Foundation has funded a number of highly successful education grants over the years, but has not had a dedicated application process for education oriented grant applications. With **The SPR's Second Campaign for Children**, the SPR R & E Foundation is extremely pleased to announce a renewed emphasis on education. A substantial portion of the new funds raised will be earmarked to support education grants. **Beginning with the 2016 funding cycle, the R & E Foundation will post and fund at least one education grant every year.**

"Our project on CT Radiation Safety in Children became a model for a national web-based continuous quality improvement program"

... "I simply would not have had the education and research opportunities I had without the SPR R and E Foundation"

Marilyn J. Goske MD, FACR (grant recipient 2000, 2002, 2004, 2008; SPR President – 2007, founder and president of the Image Gently Campaign – 2007-2015)

"It [the SPR REF grant] is what has helped me create a career in education." "This has been a game-changer for my career as it has led me into a wide-open field of radiology education" "This project has opened many doors into teaching opportunities and the feedback I believe has made me a better teacher."

Janet R. Reid, MD (education grant recipient – 2000, 2001, 2004)

2015 // Seed Grants (\$10,000):

“Shear Wave Sonoelastography for the Noninvasive Evaluation of Hepatic Fibrosis in the Pediatric Population”
Shannon G. Farmakis, MD, *St. Louis University School Of Medicine*

“Imaging Utilization in the Diagnosis Of Appendicitis in Children in the United States: Analysis Of Trends, Costs And Outcomes” **Hansel J. Otero, MD**, *Et Al. Children’s National Medical Center*

2015 // Research Fellow Award (\$25,000):

“Structural and Functional Connectivity of the Attention Network: Identifying Imaging Biomarkers of Attention Impairment in Pediatric Concussions and Neuroplasticity after Cognitive Training - **Alireza Radmanesh, MD**, *et al. University of California in San Francisco*

2015 // Pilot Awards (\$50,000):

“Understanding Cardiac Biomechanics in Congenital Heart Disease: A Serial Imaging Study of Single Ventricle Pediatric Patients using Cardiac MRI” **Ramkumar Krishnamurthy, PhD**, *et al. Texas Children’s Hospital*

“Enhancing Safety and Quality of Medical X-ray Imaging” **Steven Don, MD**, *St. Louis Children’s Robert D. MacDougall, MSc*, *Boston Children’s Hospital*

2014 // Seed Grants (\$10,000)

“A randomized controlled clinical and MRI trial of intra-articular injections with platelet rich plasma in patients with juvenile osteochondritis dissecans of the knee” **Michael F. Fadell, MD**, *University of Colorado Denver School of Medicine, Aurora*

“Diffusion Tensor Imaging in Pediatric Renal Transplants: Testing A Potential Non-Invasive Alternative to Biopsy” **Jesse Courtier, MD**, *University of California in San Francisco*

2014 // Research Fellow Award (\$25,000):

“Characterization of Cerebro-Cerebellar Functional Connectivity in Preterm Infants”
Mai-Lan Ho, MD, *University of California in San Francisco*

// Recent Grants

2014/2015 SPR R&E Foundation Grant Awards

2014 // Pilot Awards (\$50,000):

“Quantitative MR imaging of Cartilage in Juvenile Idiopathic Arthritis (JIA)” **Hee Kyung Kim, MD**, *Cincinnati Children’s Hospital Medical Center*

“Molecular-Functional Imaging of Hypoxia in Childhood Sarcomas: Feasibility Steps Towards Personalized Medicine” **Andrea Doria, MD, PhD, MSc**, *Hospital for Sick Children*

Making a Difference //

Quotes from SPR R & F Foundation Grant Awardees

"SPR REF support allowed me to start up a lab, learn how to write a grant and apply for serious support. It was a tremendous start for me."

George Taylor, MD

(grant recipient – 1993, 1995, 1997;
SPR President – 2006)

"The small grants have been helpful in securing additional funding. They are seen by other funding agencies as important first steps because the SPR viewed them as important topics."

Steven Don, MD (grant recipient – 1992, 1994, 2009)

"The award... helped me significantly to start a career as an academic radiologist."

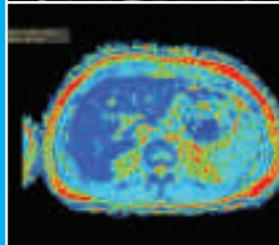
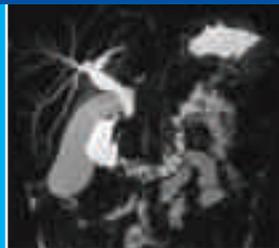
Heike E. Daldrop-Link, MD, PhD (grant recipient – 2005)

"The SPR REF Award has been a positive influence on my career. Working on the application, receiving the award, and pursuing the research have been very rewarding and inspired additional research."

Ramkumar Krishnamurthy, MD (grant recipient – 2015)

"If you have an idea for a project that you find interesting – pursue it!"

Jesse L. Courtier, MD (grant recipient – 2014)



Annual Donation	At the same time you pay your SPR dues, make an annual donation.
Bequest	Just takes a simple designation in your will or trust and costs nothing during lifetime. They are easy and revocable if situation changes.
Living Trust	Avoids probate. Just name the SPR Research and Education Foundation as a beneficiary.
Gift Annuity	A simple agreement that can increase your cash flow from a gift that provides guaranteed fixed payments for life. Lifetime annuity payments, based on age may be two or three times higher than your cash return on low-earning securities or CDs.
Life Insurance	Donate policy and deduct future premium payments, or just name the SPR Research and Education Foundation as policy beneficiary. Individuals typically pay less than \$1 for \$1 of coverage.
Charitable Remainder Trust	Great tool for selling assets tax-free and receiving income for life; the remaining assets go to SPR Research and Education Foundation. It provides steady cash flow and can be more beneficial than keeping an asset or selling it outright.
Retirement Assets	Retirement funds paid to your kids at your passing can get hit with income and estate taxes, but are tax-free to SPR Research and Education Foundation. Funds left to children may be hit with income and estate tax of 70% or more.
Charitable Lead Trust	You greatly reduce or avoid estate tax on trust assets passing to family... if some trust income goes to SPR Research and Education Foundation for a few years. Trust provides generous estate and gift tax deductions for wealth transferred to family at a more mature age.
Lifetime Bequest	A "Lifetime Bequest" is a combination of a gift or pledge now plus an estate gift later to facilitate and maximize the impact of your giving.
Outright or Pledge Portion	You may make a gift outright or select a pledge payment schedule (1–5 years) that is sensitive to your needs, and then simply shift the balance of your gift to your estate.
Estate Gift Portion	Charitable Bequest in your will or trust, or Beneficiary Designation in your IRA or other retirement plan, life insurance policy, bank or brokerage account.
Other	You can request a naming opportunity (e.g. name a fund or project in memory of a loved one) in exchange for your binding commitment.

// Giving

Ways To Give

You should always talk to your own financial advisors on the instruments and processes best for you, your family and the causes you support. Listed to the left are a variety of giving methods that have benefits both to the you and your family, and to the SPR Research and Education Foundation.

If one of these paths works for you, and you have established a planned gift, let us know so your generosity can be recognized and can inspire your colleagues to follow suit.



Write to us at

SPR Research and Education Foundation
 ATTN: Giving
 1891 Preston White Dr.
 Reston, VA 20191
 EMAIL: spr@acr.org

“Make no little plans; they have no magic to stir men’s blood and probably themselves will not be realized. Make big plans; aim high in hope and work, remembering that a noble, logical diagram once recorded will never die, but long after we are gone be a living thing, asserting itself with ever-growing insistency. Remember that our sons and our grandsons are going to do things that would stagger us. Let your watchword be order and your beacon beauty.”

Daniel H. Burnham, Architect, Planner of Cities

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