

2008 SIR Foundation Grant—Recipients

Academic Transition Grant

Paul B. Shyn, MD (Harvard Medical School)
Respiratory Misregistration and Motion Artifacts During PET/CT-guided Percutaneous Interventional Radiology Procedures: Quantification of Error and a Proposed Solution

Dr. Ernest J. Ring Academic Development Grant

Karun Sharma, MD (Georgetown University Hospital)
Spatiotemporal Distribution and Local Tissue Pharmacokinetics Following Transcatheter Embolization with Drug Eluting Beads

Pilot Research Grant

Edward Lee, MD (UCLA Medical Center)
A new Image Guided Tumor Ablation: Percutaneous Irreversible Electroporation (PIE) on Head and Neck Squamous Cell Carcinoma Rabbit VX2 Neck Tumor

Robert Lewandowski, MD (Northwestern University)
MRI-Guided Transcatheter Delivery of Targeted Nanocomposites in a Rabbit Model of Pancreatic Cancer

James Stone, MD (University of Virginia)
Preclinical evaluation of systemic Sorafenib (Nexavar) administration following trans-arterial chemoembolization (TACE) in a rodent model of hepatocellular carcinoma (HCC)

Robert Short, MD (University of Virginia)
Define and characterize development of lymphatic malformations lymphangiogenesis using multi-modality molecular imaging platforms

Radiology Resident Research Grant

Alexander Morgan (University of Cincinnati)
Safety of Iodinated Contrast in a Middle Cerebral Artery Occlusion/Reperfusion Model

Seth Klein (Stony Brook University Medical Center)
Natural History of Lower Extremity Deep Vein Thrombosis in Patients undergoing Catheter Directed Pharmacomechanical Thrombolysis

Student Research Grant

Brian Caldwell (University of Arkansas, Medical Sciences)
Evaluation of Inter-population Variations in the Circle of Willis in the New Zealand White Rabbit: A Study Using Digital Subtraction Angiography

Lee Coryell (Hospital of the University of Pennsylvania)
Labor and Resource Utilization in Maintaining Native AV Fistulas vs Artificial AV Grafts

David Jahangir (University of Minnesota)
An Exothermic Electrophile for Thermochemical Ablation Assessed in ex vivo Liver Tissue

Bippan Sangha (University of British Columbia)
The Effect of Varying Arterial Input Function on Cerebral Perfusion Assessment in Acute Ischemic Stroke

Janakam Satkunasingham (Hospital for Sick Children)
Evaluation of Long Term Safety and Efficacy of Image Guided Cecostomy Tube Placement in Children and Teenagers, into Adulthood: 1994-2007

Michelle Shorten (Indiana University)
In Vivo Apoptosis from Intra-Arterial Administration of Benzamide Riboside to NI-SI Liver Cancers in Rats

SIRPAC Supporters—Strengthening IR

The SIRPAC Board of Advisors thanks those SIR members who contributed to the political action committee between September 1 and January 1, 2008. Contributing to SIRPAC supports your profession and the health care issues that

affect you. One hundred percent of your contribution is used to support IR and its key health care agenda items. To contribute, visit www.SIRPAC.org. ❖

\$500–\$999

Michael C. Brunner, MD

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Registration Open for 2008 Legs For Life®

SIR Foundation's Legs For Life® is a national education and screening program dedicated to the cardiovascular health of the community. The program focuses on diagnosing peripheral arterial disease (PAD), abdominal aortic aneurysm (AAA), venous disease and carotid disease. Legs For Life strives to educate the public, primary care physicians and the medical community, to identify patients at risk and to strengthen collaborative relationships among health care professionals who treat these conditions.

Ready to Use Education Materials—Legs For Life provides you with:

- ▶ Patient brochures, media factsheets and updated statistics about PAD, AAA, carotid stenosis, and venous disease to help you educate patients, as well as referring physicians

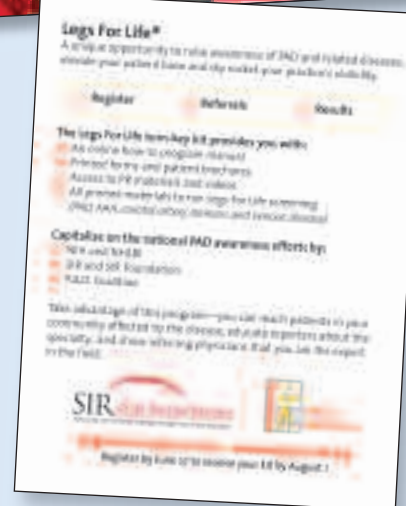
Exposure to Potential Patients—Legs For Life enables you to:

- ▶ Offer free screenings to potential patients and demonstrate your clinical expertise
- ▶ Conduct screenings solely for specialty groups such as local police, firefighters and paramedics

Promoting Your Practice—Legs For Life creates opportunity for you to:

- ▶ Utilize this well-known program to inform your local community about the benefits of interventional radiology and the services you provide
- ▶ Use SIR Foundation's national Legs For Life press release to reach local reporters or run an article in your hospital newsletter
- ▶ Increase public awareness about vascular disease

Over 100 sites nationwide participated in Legs For Life in 2007—Register now to reserve your spot. For more information and to register as a 2008 Legs For Life site, visit www.LegsForLife.org.



SIR Foundation Contributions—Committing to the Specialty's Future

The following members have contributed \$250 or more to the SIR Foundation between January 1 and March 31, 2008

New Frontiers: \$2,500 to \$9,999
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The Future of IR Depends on New Discoveries

Foundation Provides Opportunities

Julia Gates, MD



I am pleased to be taking over the Research Forum column, relieving Filip Banovac who has written it for the last year. His columns brought research information to SIR members and provoked thought on important topics in IR. As the new author of this column, I will share my opinions and advice. I write not on behalf of the Society or my Committee, but based on my own experiences and opinions, and I look forward to sharing with you over the next six issues of *IR News*.

The SIR Foundation advances the field of interventional radiology through research; this advances scientific knowledge which in turn leads to innovative, minimally invasive, image-guided therapies. The Foundation's mission includes attracting and nurturing investigators; and a variety of funding programs are available. These include the Pilot, Ring, Transitional and Resident and Medical Student grants, to name a few. The Foundation has oversight of a number of registries, programs, grant review committees, and divisions, which include the Clinical Research Division, Research Education Division and the Research Policy Division.

The SIR Foundation Research Policy Division oversees a number of programs which touch the lives of students, residents, attending level staff and PhDs. The key to the sustained advancement of the field of IR is to stimulate and support researchers and innovators who can develop new technologies, devices, approaches, and processes, throughout a long, productive career bolstered by expanding funding. It is recognized that some physicians and scientists have a natural bent towards academic pursuits; others may develop it out of curiosity or for want of a change of pace (such as the few who have left private practice careers for academia).

Allow me to introduce you to James R. Duncan, MD, PhD, Chair of the SIR Foundation Research Policy Division. His immersion in things medical came early, by his father, a veterinarian; and he had the best intentions of continuing on in his father's footsteps but saw a broader field in biomedical research during his undergraduate training at the University of Michigan. He became "completely hooked on an academic career" following several summers performing research and he was fortunate to obtain a spot in the Medical Scientist Training Program at Washington University. His PhD work "focused on inborn errors of metabolism" and he "learned how to study complex problems such as the lysosomal storage diseases," (which is OK because in the end he still found his way to radiology).

Following an internship in internal medicine, Jim completed his radiology residency over five years having taken a year, mid-stream

to perform RSNA-sponsored research in molecular imaging to "get [his] foot in the door with targeted contrast agents." His PhD work was very important in facilitating the study of the intracellular metabolism of metal-protein complexes; he was able to look at radiometals and gadolinium. Jim went on to say, "it is interesting to see that some of the work we did with gadolinium then may provide insight into the mechanism underlying Nephrogenic System Fibrosis (NSF)." In the mid-90's Jim began his academic career in radiology as an Assistant Professor at Mallinckrodt and soon after completed a fellowship in IR.

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In order to have a more secure future for his young family, Jim entered private practice in Florida. The new millennium saw another new beginning: Jim said his departure from private practice after three years was due to its "pace and focus." He returned to St. Louis, likely missing the Gateway Arch and quenching 7-UP (invented and still produced there) to rejoin the academic career he had left briefly, at Washington University, where he continues to perform research and teach. Since 2005 he has developed

a special interest in simulation-based training and assessment. Jim is wholly committed to the Research Policy Division to advance interventional radiology through research and education.

This year Jim has implemented a three-pronged approach to accomplish some of the Division's goals. The Research Policy Division will simultaneously:

1. Find people who are interested in IR and encourage them to apply for SIR Foundation grant funding
2. Serve those individuals who have applied for funding and help them through the process
3. Increase the chances that SIR Foundation-sponsored researchers will be able to garner funding at the next peer-review level (e.g. NIH, etc.).

I hope that Jim's committed service will serve as a role model for you. At the SIR Foundation Donor Luncheon, held March, 18, 2008, during the SIR Annual Scientific Meeting at the Washington Convention Center in Washington, D.C., 2006-2008 SIR Foundation Chair, James B. Spies, MD, commented on the importance of funding to sustain research efforts. Interestingly, he reported that the minority of donated monies come from SIR members; the lion's share is donated by industry. Only through discovery and innovation will our special field remain diverse and stimulating for many years to come; expanded research is of paramount importance. Having said that, it must be apparent as you finish reading this article that you should reach for your checkbook, and make a stretch gift to the SIR Foundation Discovery Campaign. You could also invent something. ❖

2008–2009 SIR Foundation Board of Directors



*Back row: Drs. Consigny, Duncan, Darcy, Nemcek, Rundback and Stainken
Front row: Drs. Chrisman, Keller, McLennan, Spies, Kaufman and Dorfman*

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With deep appreciation, the Foundation recognizes the departure of several Board members with terms ending in 2008:

Joseph Bonn, MD, FSIR
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* SIR Foundation welcomes these members to the 2008-2009 SIR Foundation Board of Directors



SIR's New Customized Job Board for Interventional Radiology

Job Seekers

- **Multiple Search Criteria** — Job seekers can now search by several criteria at once such as desired practice setting, type of procedures, percentage of IR practice, and location.
- **Custom Alerts** — Create your own custom alerts to be notified when a job matching your criteria becomes available.
- **Anonymous Resume Bank** — Post your resume that you strip of identifiers and a recruiter will contact you for permission to view it — you control who sees your resume.

- **Career Profile** — Put your anonymous Career Profile up today and employers will begin pitching you job opportunities.

Employers

This new customized job board is the place to post your ad to find interventional radiologists and IR professionals. Search the career profiles to find candidates seeking a position similar to yours.

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