



★ 2013 GRANT RECIPIENT

Transfusion-Related Iron Overload in Patients with Transfusion-Dependent Anemias

“Detection of myocardial fibrosis in patients with iron overload would allow for improved prognostication and risk stratification. Elucidation of the relationship between myocardial fibrosis and myocardial iron deposition as well as cardiac functional parameters would provide valuable mechanistic insights and improved pathophysiological understanding of the disease. The results of the proposed study have the potential to significantly impact patient management including recommendations for earlier or more aggressive chelation therapy based on changes in ECV values.”

Kate Hanneman, M.D.

*(Shown here with advisor Bernd J. Wintersperger, M.D., E.B.C.R.)
Toronto General Hospital/
University of Toronto*

★ RESEARCH RESIDENT GRANT

► See more 2013 Grant Recipients Next Page

2013 Grant Funding Passes \$3 Million Mark



EARLIER THIS SPRING, the RSNA R&E Foundation Board of Trustees, chaired by **James P. Borgstede, M.D.**, approved an all-time high funding level for its 2013 research and education grant awards.

“This year we are providing more than \$3 million in grant funding for 83 research and education projects, both records for the Foundation. As the chair of the R&E Foundation Board of Trustees, I thank all of our generous donors for funding these bold and inspiring investigators and educators and their projects,” said Dr. Borgstede.

This year’s recipients hail from 40 institutions and are performing research in a number of different subspecialty areas using a variety of modalities and techniques. Their promising projects have clinical and translational implications that will most certainly move our specialty forward. See RSNA.org/Foundation for a complete listing of the projects funded by R&E donors.

LOOK INSIDE FOR

- Society collaborations result in new grant awards
- R&E Grant brings breast cancer educational resources to China
- 2013 Roentgen Award Winners announced

Meet some of the 2013 Grant Recipients



2013 GRANT RECIPIENT ★

CT Myocardial Tissue Characterization: Utility in Coronary CT Angiography Bypass Graft Assessment

"If we are successful, future clinical trials could incorporate pre- and post-operative CT myocardial tissue characterization, first for observing the natural evolution of these parameters, and later for selecting appropriate coronary artery bypass grafting candidates. This project will provide mechanistic insight into the process of graft failure and may ultimately improve patient selection, intervention and outcomes."

Anna Elizabeth Helen Zavodni, M.D., M.H.Sc.
Sunnybrook Health Services Centre, University of Toronto
★ **AGFA HEALTHCARE RESEARCH SCHOLAR GRANT**

Translational Optical Molecular Imaging for Percutaneous Biopsy of Focal Hepatic Lesions

"With features such as high spatial resolution, high target to background ratios and real-time image display, optical molecular imaging (OMI) has the potential to significantly advance image guidance for Interventional Radiology. The goal of this research is to demonstrate the clinical utility of a hand-held interventional OMI system we have designed and constructed, utilized in conjunction with the clinically approved fluorescent agent indocyanine green, during focal liver biopsy in cirrhotic patients with suspected hepatocellular carcinoma with the goal of decreasing overall procedure time and sampling error."

Rahul Anil Sheth, M.D.
Massachusetts General Hospital/Harvard Medical School
★ **COOK MEDICAL/CESARE GIANTURCO RESEARCH RESIDENT GRANT**



★ 2013 GRANT RECIPIENT

Prostate Cancer—Changing Disease Progression and Clinical Management

"We hypothesize that the combination of 11C-Choline PET/CT and image-guided stereotactic ablative radiotherapy (SABR) will lead to an improvement in the selection of oligometastatic prostate cancer patients, alter their clinical management and impact the natural disease progression."

Sean Sunghun Park, M.D., Ph.D.
Mayo Clinic, Rochester
★ **RESEARCH SCHOLAR GRANT**



★ 2013 GRANT RECIPIENT