



## 2011 Young Investigator Award Dr. Manraj Heran

Dr. Manraj Heran began his residency in diagnostic radiology at the University of British Columbia (UBC) in July 1996. On completion of his residency, Dr. Heran undertook a fellowship at UBC in vascular and interventional radiology, which was followed by a second fellowship in diagnostic neuroradiology at Duke University.

In 2003, Dr. Heran joined the Division of Neuroradiology at the Vancouver General Hospital where he works in both diagnostic and interventional neuroradiology. Although he has only been there for eight years, he has successfully performed as both Neuroradiology Fellowship Director and Neuroradiology Section Head, being one of the youngest staff members to have filled both of these positions.

The breadth of his training continues to be reflected in his rather extraordinary career, however, as he also maintains a busy practice as a paediatric interventional radiologist at the BC Children's Hospital, while being a member of the Adult Division of Interventional Radiology at Vancouver General Hospital. His clinical practice is characterized by an extraordinary level of proficiency and innovation in each of these areas, as well as exemplary "hands on" patient care in his interventional practice. He is

recognized world-wide as one of the leaders in the field of paediatric interventional radiology.

Despite his busy fulltime clinical practice, Dr. Heran has participated in and led a number of funded and non-funded research projects throughout his career. He has been a co-investigator in a number of trials evaluating interventions for acute ischemic stroke, as well as a long-term study evaluating the neuropsychological and neuropathological effects of acute versus chronic ethanol intake on the outcomes from acute head injury.

More telling, in terms of time commitment and impact on medical students, has been his dedication to enrolling medical students in a variety of summer research projects including a detailed review of anatomic variants of the craniocervical vessels demonstrated by CT angiography of close to 1,000 cases, a review of the endovascular management of acute stroke at VGH, setting up a database for the VGH vertebroplasty program, and an investigation of the effect of varying arterial input functions on the analysis of cerebral CT perfusion studies.

The extraordinary range and number of Dr. Heran's publications – 52 original articles to date in refereed journals, and counting – and presentations at major meetings testifies to his intellectual curiosity and energy. Many of these papers represent significant contributions to knowledge and techniques in the areas of interventional neuroradiology and paediatric interventional radiology.

The President of the CAR, Dr. Edward Lyons, was pleased to announce that Dr. Heran was the winner of the 2011 CAR Young Investigator Award during the 2011 CAR Annual Dinner and Awards Gala, which took place on April 30<sup>th</sup>, 2011 in Montreal, Quebec.

