

Creating a national resource of medical imaging education: Research to practice

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In 2006, a partnership was formed between the Faculty of Education and the Department of Medical Imaging. This interdisciplinary partnership was initiated in order to capitalize on the collaborative skills of scholars in both education and medical imaging.

Over the past 3 years, we have advanced the scholarship of education within our department both nationally and internationally: we have formed a Society for Scholarship in Medical Imaging Education, established a First International Conference in Scholarship of Medical Imaging, designed an educational series for residency education, conducted a national study on the pedagogy of residency training and edited 2 publications on the practice of Radiology education.

Through this work, we became aware of the fact that, all too often, our colleagues in Medical Imaging are working in isolation despite the fact that so many departments are facing similar challenges in terms of residency training. We recognized a need for a national resource for education in Medical Imaging.

Within this presentation, we will outline our plan to research and document the capacity for this pioneering initiative: a Canadian National Resource in Medical Imaging. This resource has the potential to positively influence the scholarship of teaching and learning in medical education by reconfiguring the educational processes of the residency programs in Medical Imaging across Canada by serving the needs of residents, faculty and, by extension, patients. This resource may offer an exchange of best practices in the key areas of residency training: curriculum development and design, implementation of evaluation and assessment tools.