
Zoom On: Julian Dobranowski, Award-Winning Radiology Author



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Julian Dobranowski is [Associate Professor of Diagnostic Imaging in the Faculty of HealthSciences at McMaster University](#), Hamilton, Ontario in Canada. He is Senior Consultant, Strategic Quality Initiatives, Diagnostic Imaging at St. Joseph's Healthcare in Hamilton, Provincial Lead for the Cancer Imaging Program, Cancer Care Ontario and [Clinical Lead](#) for the [Image-guided automated robot \(IGAR\)](#) Investigation Team at the Centre for Surgical Invention and Innovation. This project aims to enable automated image-guided minimally invasive procedures. He is also founding director of the Centre for Radiological Anatomy Skills Lab, which incorporates imaging technologies into undergraduate and postgraduate learning

Dr. Dobranowski's textbook [Discover Radiology: Chest X-ray Interpretation](#), co-authored with Alexander J. Dobranowski and Anthony J. Levinson was awarded the 1st prize for Radiology in the prestigious British Medical Association (BMA) Book Awards in 2014. An innovative aspect of the monograph is that the authors combine radiology expertise, pedagogical expertise and the perspective of a medical student learning about chest x-ray.

The judge's citation noted: "It is a celebration of the enduring value, power, and delicious complexity of what is often erroneously regarded as a 'simple' imaging test. This is a very comprehensive work that seeks to take the reader from a position of beginner, and explains with detailed and lavish illustrations and clinical correlation the complex anatomy in health and disease that underpins the chest radiograph. It is in many respects a labour of rich love, care, and comprehensive attention to detail. This is an outstanding book that I hope will become known as a celebration of and practical guide to the CXR."

1. What are your key areas of interest and research?

One is improving the quality of diagnostic imaging - looking at all of the quality dimensions related to imaging and identifying gaps and opportunities for improving patient outcomes. I have an interest in innovation and have helped in the development of the MRI-compatible Image Guided Automatic Robotics (IGAR) breast platform robot.

2. What are the major challenges in your field?

The big challenge in diagnostic imaging is finding the balance between providing excellent clinical care while at the same time engaging in academic activities, quality assurance and innovation.

3. What is your top management tip?

To develop a high level vision with smaller achievable goals. As the team strives to attain the big goal the smaller goals can be reached and

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celebrated.

4. What would you single out as a career highlight?



A career highlight for me was being awarded the British Medical Association Radiology Textbook of the Year Award in 2014 (*pictured left - Dr Hilary Cass, president of the Royal College of Child Health and Paediatrics presents Dr. Dobranowski with his award.*) This prestigious award highlighted the many years that I spent creating the book and developing my teaching skills.

5. If you had not chosen this career path you would have become a...?

... film director! I have always had a passion for the visual arts.

6. What are your personal interests outside of work?

Cooking, travelling, scuba diving and alpine skiing.

7. Your favourite quote?

"Attitude is a little thing that makes a big difference" - Winston Churchill

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