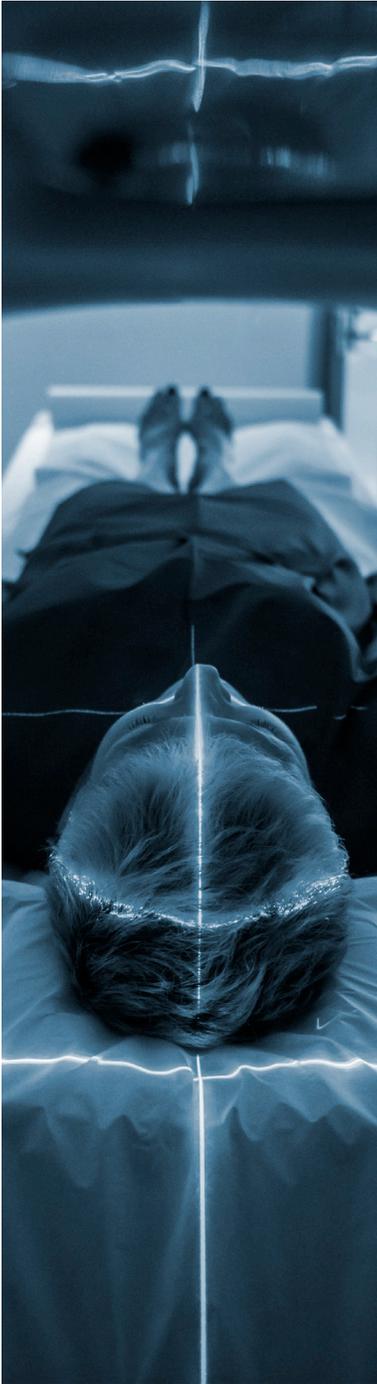


# DIVISION OF MEDICAL SCIENCES SEMINAR SERIES



## Medical Radiation: Worry about the problem not the dose!

**Tony Hooker**, B.Biotech (Hons), PhD, FARPS, MACPSEM  
Associate Professor

**Tuesday, January 30, 2018**

12:00 p.m. to 1:00 p.m.

Dr. Hooker has a PhD in molecular biology and genetics and has 20 years experience in radiation biology research. He is currently the Principal Radiation Advisor, Radiation Health, South Australian Environment Protection Authority and is a key source of expert technical advice and support in Radiation Protection. Dr. Hooker provides expert, high-level authoritative radiation protection advice to the EPA, government, industry and the public and is responsible for the delivery of key EPA projects and high quality policy development within the EPA Radiation Protection Branch.

Dr. Hooker is a Fellow and Past President of the Australasian Radiation Protection Society (ARPS) and a member of the Australasian College of Physical Scientists and Engineers in Medicine. He is the radiation advisor for the SA Chemical, Biological, Radiological and Nuclear Emergency Management Committee, the SA CBRN Scientific Advisory and Training Committees, as well as other international and national committees. More recently, Dr. Hooker was an expert witness to the Nuclear Fuel Cycle Royal Commission in South Australia and was actively involved in the community consultation and engagement program delivering scientific facts regarding radiation to the general community.

Prior to working with the EPA, Dr. Hooker was a Research Fellow at Flinders University and undertook research funded by the US Department of Energy Low Dose Radiation Research Program into the biological effects of low dose radiation exposure as well as the biological effects of radio-protector chemicals. He is currently working on two research grants: (1) removing radionuclides from copper concentrates and, (2) investigating of the immunological mechanisms of ultra-low and low dose radiation (x- and radon) which is a collaborative research program between the Northern Ontario School of Medicine (Ontario, Canada), Bruce Power (Ontario, Canada) and Flinders University, South Australia.



Northern Ontario  
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**NOSM** at Lakehead University – BSC Room 2002

**NOSM** at Laurentian University – MSE Room 215

Lunch will be provided.