

Education & Communication Award – Dr. Douglas R. Boreham



Doug Boreham graduated in Honours Biology from Laurentian University and completed his PhD at the University of Ottawa in 1990. Following ten years of innovative and productive research in low-dose radiation biology at Chalk River Laboratories, he left for a position as Assistant Professor at McMaster University in Medical Physics and Applied Radiation Sciences. In 2005 he was awarded an NSERC Industrial Research Chair.

Professor Boreham has developed a novel and successful teaching program in radiation sciences. His program progresses from radiation physics and chemistry, to biology, industrial uses, radiation protection, medical physics, and uses of radiation in diagnostics and treatment. His teaching style is innovative and inspired.

Dr. Boreham's courses are very popular. The students gave him the Student Union Award, and the University gave him the President's Award for Overall Excellence in Instruction. Doug's communication reaches far beyond the University to high school students, teachers, journalists and scientists. He was a mentor to many students attending the Deep River Science Academy.

He accepts many invitations to give scientific and public-awareness lectures. The list is extensive and attests to the wide appreciation of his ability to communicate the facts and implications of the radiation sciences to very diverse audiences. Many conference organizers recruit Dr. Boreham for review seminars in radiation biology for scientists with different backgrounds.

Purpose of the Award:

This award recognizes the recipients for "significant efforts in improving the understanding of nuclear science and technology among educators, students and the public."