

Dr. David LeBlanc

B.Sc in Physics from University of New Brunswick in 1989

M.Sc then Ph.d in Physics at University of Ottawa in 1998

Both masters and Ph.d work was related to high temperature superconductors and included investigations into a novel technique for implementing the new materials for magnetic confinement for fusion. For these efforts I was awarded a long term fellowship in 1993 from the Canadian Fusion Fuels Technology Project (CFFTP) which became ITER Canada.

My interests later evolved to efforts towards alternative fission reactor design and I took time out from my Ph.d to pursue these concepts. At this time I worked for Atomic Energy of Canada Limited (AECL), completing a comparative study of all reactor designs.

After obtaining my Ph.d I took a teaching position with the Carleton University Physics department but have continued working on various research interests, most notably in the field of Molten Salt Reactors.

In 2008 I founded Ottawa Valley Research Associates Ltd to focus on Molten Salt Reactor design. Along with numerous journal and magazine articles I have developed several unique MSR design options with patent applications filed. In 2011 I left Carleton University to devote my full attention to these efforts.