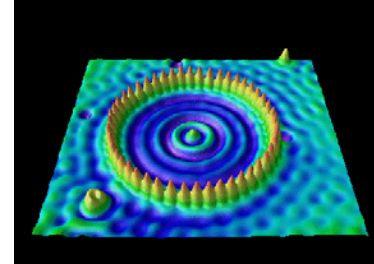




Graduate Studies in Theoretical Physics



Opportunities for graduate study in theoretical physics exist at Manitoba's three universities: *Manitoba, Winnipeg and Brandon*. Research supervisors at Winnipeg and Brandon have adjunct status in the Department of Physics and Astronomy at the University of Manitoba. All are members of the *Winnipeg Institute for Theoretical Physics*. Interested students should contact researchers at the email addresses given below or visit the website www.physics.umanitoba.ca/WITP/witp.html for more information.

Peter Blunden (blunden@physics.umanitoba.ca): nuclear structure, weak and electromagnetic interactions in nuclei, radiative corrections, quantum field theory

Meg Carrington (carrington@brandonu.ca): finite temperature and non-equilibrium field theory and transport theory

Tapash Chakraborty (tapash@physics.umanitoba.ca): interacting electron systems in nanostructures, quantum dots, electronic properties of DNA and graphene.

Jason Fiege (fiege@physics.umanitoba.ca): star formation, planetary structure and computational astrophysics

Tod Fugleberg (fuglebergt@brandonu.ca): colour superconductivity, black holes, computational physics, thermal and non-equilibrium field theory

Randy Kobes (r.kobes@uwinnipeg.ca): non-linear systems, quantum field theory, chaos and quantum computing

Gabor Kunstatter (g.kunstatter@uwinnipeg.ca): field theory, quantum gravity, black holes and quantum computation

Tom Osborn (tosborn@cc.umanitoba.ca): quantum phase space and semiclassical dynamics, completely integrable systems and gauge theories

Byron Southern (souther@cc.umanitoba.ca): statistical physics, phase transitions, topological defects and frustrated magnets

Mark Whitmore (mark_whitmore@umanitoba.ca): self-assembly, lipids, polymers, statistical physics and phase transitions