

Ann Berlinsky Kallin

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Personal

Born on September 11, 1985 in Vancouver, BC.

Canadian and American citizen.

Education

Ph.D. in Physics, University of Waterloo, Ontario (In Progress)

M.Sc. in Physics, University of Waterloo, Ontario (2010)

B.Sc. in Honours Physics, McMaster University, Hamilton, Ontario (2008)

Work Experience

Sept 2008 - Present

University of Waterloo - Graduate Student

Writing programs modeling physical systems in C++

Writing scientific research papers published in peer-reviewed journals

Presenting research at group meetings, and at regional, national, and international conferences

Summers of
2005, 2006, 2008

McMaster University Research Assistantship - Crystal Growth

Grew crystal samples for neutron scattering experiments

Participated in a neutron scattering experiment

Trained and supervised three undergraduate students and one high school student

Summer 2007

McMaster University Research Assistantship - Neuroscience

Analyzed EEG data using MATLAB

Service

Outreach Instructor for a session of the UW DIRECTIONS ESTEEM Conference, an Aboriginal High School Enrichment Program (March 2011)

International Conference Organizer for Waterloo DMRG Winter School (March 2011)

Volunteer Organizer for guest judges at the Centennial Science Fair (January 2011)

Referee for peer-reviewed journals: Physical Review Letters, Physical Review A, Physical Review B, Physica A (2010 - Present)

Extracurricular Activities

Member of the uWaterloo Physics intramural ice hockey and ball hockey teams (2008 - Present)

Member of LOCO Roller Derby - Kitchener Chapter (2011 - Present)

Volunteer for the Tri-City Roller Girls (2011 - Present)

Academic Awards and Honours

University of Waterloo Alumni Gold Medal Award (2011)

NSERC Postgraduate Scholarship (PGS D) (2011-2012)

University of Waterloo Outstanding Achievement in Graduate Studies Award (2010)

Ontario Graduate Scholarship (2010) (Declined)

CAM Graduate Student Physics Conference Presenter Scholarship (2009)

NSERC Postgraduate Scholarship (PGS M) (2008-2010)

Ontario Graduate Scholarship (2008) (Declined)

NSERC Undergraduate Student Research Award (2008)

McMaster University Futures Fund Graduated Award (2008)

Harry Lyman Hooker Scholarship (2007)

The Boyd McLay Scholarship in Physics (2007)

NSERC Undergraduate Student Research Award (2007)

Dean's Honour List each undergraduate term, graduated with distinction (2004-2008)

The McMaster Honour Entrance Award (2004 - 2005)