

Stephanie Wei-Ming Sun

Department of Biology
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Education

Apr 2007 McMaster University, Hamilton, ON.
 B.Sc., Hons. Biology - Genetics specialization (*Summa Cum Laude*)

Jan 2003 Ontario Science Centre Science School, Toronto, ON.

Research and Work Experience

Sept 2007 - present M.Sc. student
 McMaster University, Dept Biology, Hamilton, ON
 Dr. G. Brian Golding
 • “Modeling mitochondrial population genetics”
 • Languages: Perl, C, R, LaTeX

 MSc coursework completed:
 ▪ Biology 724 (Dec 2007) Molecular Ecology
 ▪ Biology 721 (Apr 2008) Topics in Molecular Evolution

 Workshops attended:
 ▪ Canadian Bioinformatics Workshops (Oct. 2008): Essential Statistics in Biology

Dec 2004 - Aug 2007 Research Assistant
 McMaster University, Dept Biology, Hamilton, ON

 Dr. G. Brian Golding (May 2007 – Aug 2007)
 ▪ “Gene duplication and lateral gene transfer”

 Dr. Ben J. Evans (Dec 2004 – April 2007)
 ▪ “Genetic incompatibilities and inviability of hybrids”

Teaching Experience

Sept 2007-present	Teaching Assistant
	<ul style="list-style-type: none">▪ Biology 2FF3: Fundamentals of Applied Ecology, Fall 2007▪ Biology 3SS3: Population Ecology, Winter 2008▪ Biology 3FF3: Evolution, Fall 2008▪ Biology 4DD3: Molecular Evolution, Winter 2009

Honours and Awards

2007	Department of Biology Entrance Scholarship
2007	McMaster Graduate Studies Entrance Scholarship
2007	Thérèse Quigley Award for Graduate Student Leadership in Athletics
2005-2006	Dean's Honour List
2004-2007	Canadian Interuniversity Sport Academic All-Canadian
2004-2006	Marauder Scholar
2006	Dr. Mel and Marilyn Hawkridge Outstanding Sportsmanship Award
2006	Dr. Ronald V. Joyce Award for Athletes
2006	McMaster Athletic Council Award for Contribution to Community
2006	McMaster Athletic Financial Award
2003	McMaster Honour Award (Entrance Scholarship)

Extra-Curricular Activities

May 2008-present	Biology Graduate Students Society President
	<ul style="list-style-type: none">▪ Represent graduate students within the department and university▪ Organize events to promote interaction and sense of community
2003-present	Women's Varsity Swimming
	<ul style="list-style-type: none">▪ Captain, 2006/07, 2008/09▪ Organized team participation in Terry Fox Run 2006, raising over \$4000
2003-present	MacGreen
	<ul style="list-style-type: none">▪ Green-Rep, Alternative Transportation Committee▪ Student representative of campus environmentalism club
2005-2007	McMaster Athletic Council
	<ul style="list-style-type: none">▪ Special Projects Coordinator▪ Created the Athlete's Study Hall, with free tutoring for first year student-athletes from upper year student-athlete mentors
2006-2007	Special Olympics Ontario
	<ul style="list-style-type: none">▪ Swim Coach▪ Created practices, provide stroke corrections and encouragement