

# Stephanie Wei-Ming Sun

Department of Biology  
McMaster University  
1280 Main Street West  
Hamilton, Ontario  
Canada, L8S 4K1

Phone: 905-525-9140 x 27236

Email: suns7@mcmaster.ca

## 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
- 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 Hawkrigg 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
- Represent graduate students within the department and university
  - Organize events to promote interaction and sense of community
- 2003-present              Women's Varsity Swimming
- Captain, 2006/07, 2008/09
  - Organized team participation in Terry Fox Run 2006, raising over \$4000
- 2003-present              MacGreen  
Green-Rep, Alternative Transportation Committee
- Student representative of campus environmentalism club
- 2005-2007              McMaster Athletic Council  
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  
Swim Coach
- Created practices, provide stroke corrections and encouragement