

# Steven (Baixiang) Wang

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## EDUCATION

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**University of Michigan, Ann Arbor, MI**

**August 2017-Present**

Financial mathematics, stochastic process, statistics for finance, numerical methods

**University of Minnesota Twin Cities, Minneapolis, MN**

**August 2014 – August 2017**

- GPA 3.84/4.00

Probability, Fourier analysis, partial differential equations, programming in Python and C++.

## HONORS AND CERTIFICATIONS

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- “Best project in Classical Mechanics & Calculus of Variation”, Penn State University, Dec. 2015.
  - Dean’s List, University of Minnesota Twin Cities, 2014, 2016
  - Machine Learning Coursera Certification, July 2017.

## PROFESSIONAL EXPERIENCE

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**Biostatistics Intern, CyteTherapeutics, Inc.**

**Irvine, CA and Beijing, China**

January 2015-January 2017

- Performed clinical outcome data verification and analysis using Kaplan-Meier Product Estimates for survival, mortality curves and relapse rate.
- Applied cumulative incidence, univariate and multivariate analysis to search for variables that affect clinical outcome and compare methods of producing stem cells using R.
- Reviewed various drafts for publications, book chapters, papers and conference presentations, adding to visual presentations for the group.

**Undergraduate Teaching Assistant, Basic Theory of Probability and Statistic, University of Minnesota**

June 2016 -December 2016

**Underwriting Intern, Quantum Capital Partners.**

**Beverly Hills, CA**

February 2016-June 2016

- Performed discounted cash flow analysis for evaluating real estate investments using Argus.
- Derived Internal Rate of Return (IRR) of various investments by analyzing spreadsheets in Excel.

**Visiting Student Researcher, Undergraduate Research Program ‘MASS’, Pennsylvania State University, University Park, PA**

August 2015 – December 2015

- Completed three computer-based (Matlab) independent projects on lie theory, classical mechanics and algebraic algebra; Gave presentations at the end of the semester.
- Joined in discussions on weekly colloquia sponsored by local and invited mathematicians.

## PUBLICATIONS

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1. Chow, R., Li, Q., Chow, C., Guo, V., Dang, T., Rao, A., Zeng, T., Chow, D.T.L., **Wang, B.**, and Chow, M., “Cord Blood Stem Cell Processing, Banking and Thawing” in *Umbilical Cord Blood* Ed. Mauricio, Ana Colette, Intech Publishers, Rijeka, Croatia, 2016 (Chapter In Press).
  2. Chow, C., Dang, T., Guo, V., Chow, M., Li, Q., Chow, D.T.L., Rao, E., Zeng, T., **Wang, B.**, and Chow, R. “Optimization of Unrelated Donor Cord Blood Transplantation for Thalassemia - Implications for other Non-Malignant Indications such as HIV Infection or Autoimmune Disease”, in *Umbilical Cord* Ed. Mauricio, Ana Colette, Intech Publishers, Rijeka, Croatia, 2016 (Chapter In Press).