

Steven (Baixiang) Wang

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EDUCATION

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

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 geometry; 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. Maurício, 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. Maurício, Ana Colette, Intech Publishers, Rijeka, Croatia, 2016 (Chapter In Press).