

Steven (Baixiang) Wang

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EDUCATION

University of Michigan, Ann Arbor, Michigan (August 2017-Present)

Financial mathematics, applied statistics, numerical method for finance

University of Minnesota Twin Cities, Minneapolis, Minnesota (August 2014 – August 2017)

- GPA 3.84/4.00

Probability, Fourier analysis, stochastic process, numerical method, partial differential equation, programming in python and C++.

HONORS AND CERTIFICATIONS

- “Best project in Classical Mechanics and Calculus of Variation”, The Pennsylvania State University, University Park, 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, California 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), cumulative incidence, univariate and multivariate analysis (to search for variables that affect clinical outcome and compare methods of producing stem cells) in programming language R.
- Reviewed various drafts for publications, book chapters, papers and conference presentation, adding to visual presentations for the group.

Underwriting Intern, Quantum Capital Partners. Beverly Hill, California, United States

February 2016-June 2016

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

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

June 2016 -December 2016

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

Aug.2015 - Dec.2015

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

PUBLICATIONS

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 (ISBN 978-953-51-4885-2) 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 Blood (ISBN 978-953-51-4885-2) Ed. Maurício, Ana Colette, Intech Publishers, Rijeka, Croatia, 2016 (Chapter In Press).