

Baixiang (Steven) Wang

#A403, 1400 S 2nd St, Minneapolis, MN, 55454

Mobile: 612-707-5940; Email: wang5715@umn.edu

EDUCATION:

School of Mathematics, Qingdao University, Qingdao, China (September 2013 – July 2014)

- Class Standing: First among 44

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

- GPA 3.941/4.000

Pennsylvania State University, University Park, Pennsylvania (Fall 2015)

- GPA 3.250/4.000

COURSEWORK:

- Applied linear algebra, abstract algebra, probability, stochastic process, Fourier analysis, numerical method, partial differential equation, programming in python and C++, Lie group, classical mechanics and calculus of variation, economy, physics.

HONORS AND AWARDS:

- Co-authorship of two chapters, one paper and one abstract, CyteTherapeutics, Inc., Dec. 2016;

- Mass Honors, Pennsylvania State University, University Park, Pennsylvania Dec. 2015;

- Dean's List, University of Minnesota, Twin Cities, Fall 2014 & Spring 2016 & Fall 2016.

PROFESSIONAL EXPERIENCE:

Biostatistics Intern, CyteTherapeutics, Inc., Irvine, California and Beijing, China (January 2015-Present)

- Performed research on the use of cord blood hematopoietic stem cell transplantation or the cure of diseases such as thalassemia and HIV infection, using my biostatistics expertise.

- Performed clinical outcome data verification and analysis using Kaplan Meier, cumulative incidence and other biostatistics methods.

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

(June 2016 - August 2016; September 2016 –December 2016)

- Graded exams, weekly quizzes, homework and made suggestions for students to follow.

- Registered students' grades on time.

- Communicated with professors on time to discuss students' performance.

Student Intern, Maersk Line, Qingdao, Shandong, China (Dec. 2015 - Jan. 2016)

- Filled in and endorsed all collected checks and related bank slips

- Hand over with counter on daily basis for collected cash and checks consolidation to generate accountant for checking and storage

- Ensured scanning team's performance meet and exceeded targets, scanning all FI invoice requests of Finance Dept.

- Coordinated with finance team for voucher filing

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

(Aug. 2015 - Dec. 2015)

- Took three honors core courses and attended honors seminar every week.

- Attended Oral Exam in Final.

- Visited and joined the discussions on weekly colloquia sponsored by local mathematicians in PSU and invited mathematicians.

- Took notes and present the discussion topic from weekly colloquia

- Completed three research projects independently, and gave presentations at the end of the semester.
- Graduated as one of the Mass Honors.
- Earned 'Best Project in Classical Mechanics and Calculus of Variation' award.

LEADERSHIP ACTIVITIES:

Commission Leader, Study Commission, Qingdao University (Sept.2013 - July.2014)

- Made weekly study plan.
- Organized weekly class review and problems discussion.
- Presented our achievement at the end of the semester

PUBLICATIONS:

-
1. **Wang,B.**, "ProceSSIONal Torque of a Rotating Rigid Body" in Mathematical Association of America (Manuscript Submitted).
 2. 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).
 3. Chow,C., **Wang, B.**, Unrelated Donor Cord Blood Stem Cell Transplantation (CBT) Cure for HIV infection-An Update, 11/16-19, 2016, Nanjing, China.
 4. 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. Mauricio, Ana Colette, Intech Publishers, Rijeka, Croatia, 2016 (Chapter In Press)
 5. Li, Q., Chow, C., Guo, V., Zeng, T., Rao, A., Chow, M., **Wang, B.**, Petz, L., and Chow, R.: "Unrelated Cord Blood Transplantation (CBT) Cures for HIV infection, thalassemia (Thal) and autoimmune diseases (AD) – Reality or Fiction?" Journal of Applied and Translational Genomics (Manuscript In Preparation)

SKILLS:

-
- *Programming languages*: Python, Matlab, C++, biostatistics program, Kaplan Meier
 - *Software*: Microsoft office, LaTeX, Sketchup
 - *Languages*: Mandarin, English