**PEIQI WANG**

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**OBJECTIVE**

Apply for Medical Biophysics Summer Research Program

**EDUCATION**

Bachelor of Science in Biological Sciences, expected June, 2018

University of Toronto, St. George

**EXPERIENCE**

Project Student, Princess Margaret Cancer Centre, Toronto, Ontario, Canada. (September 2015 --)

Investigating potential biomarkers for a subset of triple negative breast cancer with worse prognosis using Next-Gen sequencing. Assessing the role of PITPNC1 in breast cancer progression.

Research Team Member, International Genetically Modified Machines (iGEM) at University of Toronto, Toronto, Ontario, Canada. (Summer 2015)

Engaged in the development of ConsortiaFlux, a web-based pipeline that allows for the visualization, manipulation and interpretation of genome-scale metabolic models of bacterial communities. Characterized the toluene degradation pathway in Pseudomonas Putida.

Organizer, University of Toronto Most Understandable ScienTist (UTMUST), Toronto, Ontario, Canada. (September 2015 – November 2015)

Promoted the UTMUST presentation contest as an event dedicated to the better presentation of good science on a social media platform. Set up and organized a common space for the sharing and collaboration of documents. Revised and decided upon the event proposal. Drafted sponsorship emails and engaged in email correspondence with various departments at University of Toronto.

Media Director, Earthtones Benefit Concert Committee, Ontario, Canada. (September – November 2015)

Regularly updated the website for the timely propagation of promotional materials. Designed poster for the recruitment of performers. Worked as a team to host a concert that raised over $10000 toward children affected by the Syrian Crisis.

Webmaster, Internationally Genetically Modified Machines (iGEM) at University of Toronto, Toronto, Ontario, Canada (September 2015 --)

Responsible for the maintenance and regular update of the iGEM website. Contributed to the critical feedback of club minutes. Working in progress toward a BioHackathon.

Field assistant, Institute of Botany Chinese Academy of Sciences, Inner Mongolia, China. (Summer 2011&2014)

Took part in the investigation of soil carbon contents and distribution. Engaged in equipment setup and the extraction process of soil samples.

Event Photographer, North American Model United Nations (NAMUN), Toronto, Ontario. (February 2015)

Covered events throughout the conference and written a journalistic style article.

Donation Desk Ambassador, Christmas Bureau of Edmonton, Edmonton, Alberta. (December 2013)

Box Office Volunteer, Edmonton International Fringe Festival, Edmonton, Alberta. (August 2013)

**SKILL**

qPCR, ion exchange chromatography, SDS – PAGE

Python, Java, Javascript, MEAN, UNIX

Fluent in English and Mandarin

**ACHIEVEMENT**

The Helen Margaret (McConkey) Thomson Scholarship

University of Toronto Scholars Awards

In Course scholarship