

# Steven Yang

[Stevie.yang@utoronto.ca](mailto:Stevie.yang@utoronto.ca)  
778-960-8982

15036 82 Ave  
Surrey, BC V3S 7V6

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## **Job Objective**

Seeking challenge position as a Lab Specialist to fully utilize my skills and experiences.

## **Personal Information**

DOB: Dec10, 1986  
Marital Status: Single  
Citizenship: Canadian citizen  
(US working permit obtainable)

## **Education**

- **Bachelor of Science, Human Physiology and Human Biology, University of Toronto, Toronto, ON** **June 2009**

### Major courses:

Molecular Bio 150	Advance Bio250	Human Anatomy 301	Advance Bio.Chem. 311
Organic Chm 138	Intro. Pharmacology 201	Evolution Bio 323	Statistic prin. 301
Intro. Physics 138	Human Bio 265	Immunology 334	Pharmacodyn. Prin.. 470
Calculus 135	Cell develop. Bio 240	Cell/System Bio 325	Advance Physio. Lab 420
Psychology. 100	Biochemistry 210	Human Physiology 302	Neuroscience 440

## **Researches and Projects**

### **Junior teaching assistant at Lash Miller Laboratory, University of Toronto, Toronto, ON**

- Jak-Stat pathway simulation
  - Type 1 interferon signaling of activation MHC class 1 antibody
  - Implanted in-vitro mice dendritic cells with orthomyxoviridae virus via sub-epidermal injection
- Mice embryonic stem cell manipulation
  - Injected GFP into the bone marrow of an in-vivo fetus and observed the development of primordial layers
  - Complemented Netrin-1 with DCC receptors and stained with FRAP to analyze ganglion growth
- Gel electrophoresis to determine heredity of drosophila
  - Extracted Drosophila mRNA and centrifuged for gel electrophoresis to determine hereditary diseases, specifically LD57 gene
  - Used PCR on the Hox gene through Southern blotting to analyze the heredity traits for 5 generations
- In-vitro T-cell activation
  - Distributed immature T-cells onto agar macrophages which enabled the activation of mature T-cells
  - Injected long term memory cells into mice embryos to act as a vaccine

## **Employment & Experience**

- **Project Manager, Devon Medical, King of Prussia, PA** Jan 2010 – Oct 2010
  - Oversees R&D, manufacturing and distribution of contract medical and pharmaceutical portfolios
  - Created and updated standards and operating procedures for newly established department.
  - Built constructive partnerships with local wet lab to provide clients' on demand satisfactions.

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-Employees over-sea contact to outsource opportunities for international collaboration.

- **Assistant Supervisor, University Student Porter, University of Toronto** Sept 2007-May 2008
  - Promoted to assistant supervisor after 3 months of employment
  - Trained interns on SOP and engaged them in team building atmosphere
- **Administrative Assistant, U-Combination Technology, Wayne, PA** May 2008-Aug 2008
  - Completed certification for EMC Advance Sale Strategist and create inventory barcode system for quick access and save maintenance labor time from half hour to 2 minutes average per item search.

## Skills

- **Laboratory: Familiarity with WHMIS and ISO and/or SOP procedures.**
  - Proficiency with tissue culture and aseptic techniques
  - Ability to conduct tests with precision and accuracy
  - Due diligence on record documentations and detail orientation
  - Familiar with biological assay techniques in quantal and graded responses
  - Experience in flow cytometer and LCMS operations
  - Familiar with laboratory techniques: gel extraction, vacuum filtration, electrophoresis, distillation, etc.
  - Experience in DNA microarray (genome analysis for 10 generations of Drosophila) and simple polymerase chain reaction sequencing
- **Computer:** proficient in Microsoft Office/Excel/PowerPoint 2009, Adobe Dreamweaver
- **Second languages comprehension:** Mandarin - fluent in reading, writing and speaking

Reference available upon request

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### Reference

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