

# Tahnee Saunders

San Francisco

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## EDUCATION

### Master of Biotechnology

University of Melbourne, 2013-2014  
GPA: 4.0

### Bachelor of Science

University of Melbourne, 2010-2012  
Major: Physiology

### International Baccalaureate

Mont' Kiara International School

## MBIOTECH FOCUS

Genomics and Bioinformatics  
Regulation of Biotechnology  
Data and Decision Making  
Metabolomics & Proteomics  
Microscopy for Biological Sciences  
Advanced Molecular Techniques  
Commercialization of Science

## AWARDS

### Dean's Honor List

Master of Biotechnology, 2014

### Student Ambassador

University of Melbourne, 2013-2014

### Letter of Commendation

Bachelor of Science, 2011

## PROFESSIONAL SKILLS

project management  
science communication  
bioinformatic analysis  
data visualisation  
literature review  
quantitative analysis  
analytical & problem solving  
research study design  
statistical analysis

## KEY WORDS

collaborative  
multi-tasker  
versatile  
detail oriented  
self-motivated

## PROFESSIONAL PROFILE

Excelling in the university environment, my next aim is to venture into industry. I have recently completed a Master of Biotechnology (with a focus on human genomics) while working as a Research Assistant in the Public Health academic sector – both of these roles have developed my skill set and ability to manage multiple ongoing projects. My previous experience will allow me to hit the ground running in a new position and add value to the right organization.

## EXPERIENCE

### Research Assistant, 2013 – current

Public Health Insight & Jack Brockhoff Foundation

University of Melbourne

- Collect, code and analyze data
- Literature reviews
- Grant applications
- Ethics applications
- Conduct and prepare surveys
- Interview transcription
- Maintain project plans & timelines
- Keep minutes from project meetings
- Complete & maintain progress reports
- Prepare presentations, posters & reports
- Manage a research database & contact list

- Social Network Analysis of Public Health Promotion in Australia
- Cross-Country Research of Evidence Based Chronic Disease Prevention
- Obesity Prevention in Children Overview – first author

### Senior Demonstrator, 2013-2014

Physiology Department

University of Melbourne

- Class preparation, including set up of equipment
- Lead responsible for running of practical classes (40-60 students)
- Marking assessments and providing meaningful feedback to students
- Monitoring online submissions and contribution to blogs and question forums

### Masters Research Project, 2013-2014

Zoology Department

University of Melbourne

- Analysis of relaxin receptor (Rxfp1) expression in placenta & human umbilical vein endothelial cells obtained from preeclamptic and normotensive women
  - RNA and DNA isolation
  - cDNA synthesis
  - primer design
  - RT-PCR
  - qPCR
- RXFP1 expression localization to the umbilical cord
  - Paraffin embedding
  - Microtome sectioning
  - Immunohistochemistry - staining and light microscopy
- Bioinformatic search and analysis of Rxfp1 expression in pregnancy of preeclamptic and normotensive women
  - PubMed search
  - BLAST Search
  - Correlation analysis

### Private Tutor, 2010-2014

IB Biology & Chemistry

- Mentoring Year 11 and 12 students
- Giving feedback on assignment drafts and test scores
- Teaching exam techniques and preparation methods