

Gena Hao
228 Avenue F, Denton, TX 76201

972-454-9035
genayc.hao@gmail.com

Summary of Qualifications

- Biology/ Biochemistry lab experience 6+ years
- Lab skill: Cell culture, Protein purification, LC, HPLC, gel electrophoresis, immunohistochemistry, lab management, quality control and animal care, etc.,
- Communication, coaching skill (teaching 6+ years), promoter
- Statistics analysis experience 2+ years
- Able to relocate or travel (up to 100%)
- Trilingual (Mandarin, Taiwanese and English) – Professional experience as translator and interpreter
- Ability to write clear documentation; understand, interact and communicate efficiently with others
- Software: Microsoft Office (Word, Excel, Power point), Image J, SAS

Internship

Data analysis assistant May 2011- Aug 2011
Employer: Research and Statistical Support (RSS) group at the University of North Texas. Denton, TX

CITC center Data Analysis Summer Intern, Assisted in promotion and setup of software R on campus.
Practiced Bayesian analysis (model development) with R and SAS

Professional Experience & Accomplishments

Medical Interpreter
Employer: LanguageLine April 2014- Present
CyraCom International Inc. December 2013- Present

Chemistry Liaison October 2013- December 2014
Employer: Tree Rescue

Graduate Student Researcher August 2010- December 2012
Advisor Dr. Fuchs, University of North Texas. Denton, TX
Project: primary cilia and oligodendrocyte lineage

The cilia number and Oligodendrocyte precursor cells data was handled with SAS for data mining, EXCEL general statistics. SPSS were used for hypothesis test, relationship test and model development.

Graduate Student Researcher July 2006- August 2010
Advisor Dr. Fuchs, University of North Texas. Denton, TX
Project: Developmental Loss of Neuronal Cilia in Tg737orpK Mice.

Conducted a study including developmental loss of neuronal cilia in Tg737orpK mice, primary cilia and oligodendrocyte lineage in central nervous system. Techniques included perfusion mice of different ages (postnatal day 1 to adult) and immunohistochemistry. Utilized several standard instruments, including cryostat, microtome, and confocal microscopes. Processed and analyzed images, performed statistical analysis.

Advisor: Steve Goodman, University of Texas at Dallas, Richardson, TX September 2004- December 2005
Project: Sickle cell Proteome study
Performed sickle cell proteome study whose goal was to create red blood cell proteome profile. Applied techniques including blood cell separation, protein fractionation, gel filtration, liquid chromatography, 2D electrophoresis, and mass spectrometry.

Research Assistant
Advisors: Dr. Shui-Tein Chen, Institute of Biological Chemistry, Academia Sinica and September 2003- May 2004
Dr. Bing-Wen Soong, Taipei Veterans General Hospital, Taipei, Taiwan.

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Project: New disease type definition of Spinocerebellar Ataxia

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Advisors: Professor Ching-Jin Chang and Professor Sheng-Chung Lee, September 2002- June 2003
Graduate Institute of Biochemistry College of Science, National Taiwan University, Taipei Taiwan
Project: hn-RNP K induction and isoforms study

Student Organization & Affiliations

Organization: UNT Argentina Tango Club March 2008- December 2012

Tango instructor, Promoter, Event Lea July 2009- May 2012
Employer: Argentina Tango Club, University of North Texas. Denton, TX
Accomplishment: Instruct advanced tango technique class. Demos and perform in events, Host more then 40 tango events and developed Denton Tango community

Teaching Assistant January 2006- May 2012
Employer: Department of Biology, University of North Texas. Denton, TX
Accomplishment: Immunology Lab (4202), Biochemistry Lab (3622), Applied Microbiology Lab

Volunteer Crew May 2013- present
Organization: Denton Bible, Garden Ministry

Education & Honors

Degree: Bachelor of Science Major: Agricultural Chemistry September 1999- June 2003
School: National Taiwan University, Taiwan

Degree: Master Major: Biological Science January 2006- May 2013
School: University of North Texas, Denton, Texas

Alpha Sigma Lambda Honored Member May 2013

CNPR Pharmaceutical Sales certification in process

PMP Project Manager Professional certification in process