

Sample Student

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EDUCATION

University of North Texas Health Science Center

Fort Worth, TX

Master of Science in Forensic Genetics

Expected Graduation: May 2017

- Coursework includes cell biology, biochemistry, laboratory methods in forensic genetics, biostatistics, and forensic genetic data analysis

University of Texas at Arlington

Arlington, TX

Bachelor of Science in Chemistry, cum laude

May 2015

- Minor in Biology with coursework in microbiology and genetics

FORENSIC BIOLOGY SKILLS

- Evidence handling, including sample cutting and documentation of mock evidence
- DNA extraction: Chelex® 100, phenol-chloroform organic and differential extractions, QIAamp® extraction kit, AutoMate Express
- DNA quantification: qPCR using Quantifiler® Trio
- DNA amplification: GlobalFiler and YFiler Plus® kits on a GeneAmp® PCR System 9700
- Usage of Applied Biosystems 3500xL Genetic Analyzer for Human Identification
- Genetic data analysis: GeneMapper® ID-X
- Internal validation for GlobalFiler in accordance with 2012 SWGDAM Validation Guidelines

RESEARCH EXPERIENCE

University of North Texas Health Science Center

Fort Worth, TX

Research Assistant

November 2015 – Present

- Assist in immunology lab under Dr. Lisa Hodge
- Perform experiments and assays
- Maintain equipment and prepare reagents
- Carry out administrative duties, such as ordering lab supplies

University of Texas at Arlington

Arlington, TX

Undergraduate Student Research Assistant

March 2014 – December 2014

- Conducted experiments with organometallic materials to create new luminescent compounds
- Wrote technical papers and reports
- Worked often with NMR, IR, and fluorescence spectrophotometer

HONORS AND AWARDS

- Won the American Chemical Society Award for Outstanding Chemistry/Biochemistry Major from the University of Texas at Arlington (UTA) Department of Chemistry and Biochemistry in Spring 2015
- Won first place at the Undergraduate Research Poster Symposium in Fall 2014, hosted by UTA's Chemistry and Biochemistry Society

PUBLICATIONS AND PRESENTATIONS

Luminescent pyrazolate and pyrimidine supported copper(I) complexes November 2014

- **Student, S.;** Jayaratna, N.; Dias, R. Luminescent pyrazolate and pyrimidine supported copper(I) complexes. Undergraduate research poster presented at the 70th annual American Chemical Society Southwest Regional Meeting, November 19-22, 2014; Fort Worth, TX.

RELATED ORGANIZATION EXPERIENCE

Forensic Investigation, Research, and Education (F.I.R.E.) Vice President May 2016 – Present

- Assist the president in acquiring guest speakers for meetings
- Handle food and merchandise purchases for the club
- Conduct DNA presentations and extraction activities for students in middle and high school

F.I.R.E. Member August 2015 – Present

- F.I.R.E. meetings are held monthly, with guest speakers in various disciplines of forensic science

Chemistry and Biochemistry Society (CBS) Member August 2013 – May 2015

- CBS meetings were held weekly
- Guest speakers specialized in a wide variety of fields, such as pharmaceuticals or law enforcement

EMPLOYMENT

Outback Steakhouse Fort Worth, TX

Server June 2012 – July 2014

- Developed customer service skills such as adaptability, patience and consistency.
- Interacted professionally with customers and coworkers
- Performed multiple tasks at once in high stress environment