

# Ariana Robertson

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## EDUCATION

**College: BA in Molecular Cell Biology: emphasis on Immunology and Pathogenesis**

## GENERAL WORK EXPERIENCE

### **Job Title: Growth and Operations Specialist**

• **Date of employment:** February 2022 – February 2023 • **Employer Name:** NockNock

• **Duties and accomplishments:**

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### **Job Title: Laboratory Technician Intern**

• **Date of employment:** January 2021 – August 2021 • **Employer Name:** Tibit Communications

• **Duties and accomplishments:**

I assisted the laboratory team in programming their pluggable devices which are small, low cost devices that allow for high performance Ethernet switching systems in the market. This is industry leading technology and is a solution to replace traditional access equipment. Their original product, the Tibit MicroPlug OLT, provides FTT x PON fiber access from Ethernet switches, routers, or almost any device with an Ethernet port. Exposed to operations roles and responsibilities in a startup company and was flexible in reacting to many different priorities.

- Managed production prioritization of order timelines and developed the production process flow documentation.
- Led the shipping line, completing all the packaging, labeling, and many of the shipping necessities.

### **Job Title: Research Assistant**

• **Date of employment:** September 2020 – January 2021 • **Employer Name:** University of Nicosia

• **Duties and accomplishments:**

Performed as a research assistant to Yiannis Sarigiannis, who is researching short (13-19 amino acids) antimicrobial linear scorpion peptides. These have gained a traction of interest due to their display of functions such as antimicrobial, anticancer, hemolytic, and anti-inflammatory activities. This project aims to identify in silico scorpion antiviral peptides or antimicrobial peptides potential to inhibit SARS-CoV-2 attachment to the host cell by binding the ACE2 receptor or TMPRSS2 receptor disrupting their interaction with the RDB domain of the spike protein S of the virus.

- Performed varying tasks including researching current peptide databases, gathering data and organizing it in excel
- Coded algorithms in R to find similar amino acid sequences amongst the peptides, and wrote abstracts to summarize these findings

### **Job Title: Research Assistant**

• **Date of employment:** May 2019 – April 2021 • **Employer Name:** South Bay Sports and Preventive Medicine / Dr. Kenneth Akizuki

• **Duties and accomplishments:**

Sole research assistant to Dr. Kenneth Akizuki, who is studying surgery outcomes of patients receiving Tommy John surgery with an internal brace, as well as four other specific surgeries, as a research project, with the goal of advancing new surgery techniques that are still considered experimental.

- Collected data directly from patients, both pre-surgery and at regular post-surgery intervals, in order to collect surgery and recovery information for a multi-year research project.
- Visited patients at the clinic before and after surgery, and due to recent COVID-19 related restrictions at surgery centres.
- Organized the data in Excel, and I performed basic data analysis to assist Dr. Akizuki in identifying recovery length trends.
- Interacted with patients over the phone and in person, to gather surgery and recovery data for a multi year research project.
- Reviewed patient questionnaire information and consolidated hundreds of responses in excel. This important research can lead to better patient outcomes in future surgeries.

### **Job Title: Tasting Room associate**

• **Date of employment:** March 2021 – Present • **Employer Name:** Shadowbrook winery

• **Duties and accomplishments:**

- Perform many duties at this winery including being the sole busser, dishwasher, and host at times. It is an extremely fast paced environment and I have been able to expand my knowledge of not only wine, but what goes into the process of producing wine.
- Demonstrated my ability to multitask extremely well, switching from bussing to many loads of dishes to helping check people in, seat them, and process their payment at the end of their reservation.

### **Job Title: Host**

• **Date of employment:** May 2021 – December 2021 • **Employer Name:** Oliveto Cafe and Restaurant

• **Duties and accomplishments:**

- As the sole host I plan seating arrangements ahead of time in order to ensure the highest rate of customer satisfaction. I communicate with customers prior to arrival, to ensure an outstanding customer experience when they arrive.

**Job Title: Front Desk Receptionist**

- **Date of employment:** May 2019 – April 2021 • **Employer Name:** South Bay Sports and Preventive Medicine / Dr. Kenneth Akizuki
- **Duties and accomplishments:**
  - Interacted with patients in a medical office environment and provided quality clerical support by handling incoming phone calls, scheduling meetings and appointments, maintaining records, and performing data entry.

**Job Title: Busser**

- **Date of employment:** June 2019 – August 2019 • **Employer Name:** Gohan Japanese Restaurant • **Duties and accomplishments:**
  - Prepared the restaurant for service by setting and clearing tables, serving water and other beverages, assisting servers and tending to customers' needs.
  - Communicated effectively and efficiently with all employees and patrons, in a cheerful manner, even during peak busy times.
  - Responsible for setting up the front end of the restaurant and ensuring the restaurant was clean, and organizing and preparing for the next shift. I enjoy forming connections with customers and providing a happy and helpful presence for customers and servers alike.

**Job Title: Sales Associate**

- **Date of employment:** April 2018 – January 2019 • **Employer Name:** Wilsons Leather
- **Duties and accomplishments:**
  - Interacted with customers on a daily basis, helping provide them with outstanding customer service in a friendly and helpful way. I connected with customers and learned about their personalities, in order to recommend specific items and provide a great shopping experience, while also increasing sales for the branch.

**SKILLS AND ABILITIES**

- **Languages:** English, Spanish (understood fully, speaking ability moderate)
- **Training:** Electronic health billing (insurance systems), medical billing, patient billing, and patient scheduling software, CPR certified
- **Software:** Excel, PowerPoint, R, Python (some knowledge)
- **Awards and Scholarships:** Academic awards throughout the years for, but not limited to, hard work, dedication, and consistency. IECT 2021 Best Poster Awards by the conference committee of 1st International Electronic Conference on Toxins for the following paper:

Article: [Linear Scorpion Peptides: An unexplored pool for peptide hydrogels](#)

Offered to: Constantinos Avraamides, Spiridoula Diavoli, Ariana Robertson, Manos Vlasiou, Elena Mourelatou, Christos Petrou, Yiannis Sarigiannis

Date: 02/03/2021

- **Submission ID:** sciforum-041081
- **Title:** Linear Scorpion Peptides: An unexplored pool for peptide hydrogels
- **Authors:** Constantinos Avraamides, Spiridoula Diavoli, Ariana Robertson, Manos Vlasiou, Elena Mourelatou, Christos Petrou, Yiannis Sarigiannis \*
- **Conference:** 1st International Electronic Conference on Toxins
- **Section:** Poster
- **Public version:** <https://sciforum.net/paper/view/conference/9124>