

Nicholas Lee

(425) 420-7223 • nicklee0101@gmail.com • 228 W Pomona Ave, Apt 205, Monrovia, CA

EXPERIENCE

Research Associate

August 2020 – September 2021

Ramparts Bioscience Inc. | Monrovia, CA

Implementation and training of Benchling, an R&D electronic notebook software, to effectively track samples, document assay execution, and record detailed results within a relational database. Leading development for five spectrophotometric assays for cell and gene therapy products.

- Turning insights into data-driven decisions by utilizing R, Python, SQL, JMP, and PowerBi to analyze and communicate results about assays and team performance.
- Designing database structures to store information used to identify areas product improvement.
- Writing standard operating protocols for assays, equipment, and reports detailing experimental work.

Analytical Research Associate

January 2020 – July 2020

Bristol Myers Squibb | Seattle, WA

Improved methods and processes to increase throughput and efficiency within the analytical core group using liquid handlers such as the CyBio FeliX. Data analysis and reporting with an emphasis on high quality data and quick turnaround.

- Adhered to GMP/GLP/GDP policies when performing analytical testing of raw materials and intermediate and final products to support process development.
- Routinely tested CAR T-cell immunotherapy products following standard operating procedures (SOPs) on multiparameter flow cytometry panels, DNA extraction and quantitative polymerase chain reaction (qPCR).

Stockroom & Laboratory Assistant

September 2016 – March 2019

Seattle Pacific University | Seattle, WA

Responsible for preparing and supplying materials for biology labs such as agar plates, bacterial and fungal cultures, and reagents necessary for over 100+ students to conduct weekly experiments supporting their learning.

- Maintained the inventory and organization of the laboratory stockroom using Wasp inventory control; checking laboratory equipment out to students for their lab.

Research Assistant

June 2018 – June 2019

Dr. Richard Ridgway | Seattle, WA

Synapse Regeneration in *Lymnaea stagnalis* was studied through sterile preparation and dissection of snail CNS using aseptic technique to study synapse regeneration, cytoskeleton, and reactive oxygen species in snails using epifluorescence microscopy.

- Research was presented at the annual Murdock College Science Research Conference, Nov. 9 - 10, in Vancouver, Washington.

Research Assistant

June 2017 – June 2018

Dr. Cara Wall-Scheffler | Seattle, WA

Collected and analyzed video recordings of people's behaviors at crosswalks around the Seattle Area with approval of the Institutional Review Board (IRB) for gait, pace, jay-walking, apparel, and group dynamics.

- Research findings were presented at the 21st Annual Undergraduate Research Symposium in May of 2018.

VOLUNTEERING

Dental Assistant Volunteer

March 2019 – December 2019

Seattle Union Gospel Mission | Seattle, WA

Assisted with dental care for disadvantaged socio-economic groups in the Seattle area under the supervision of volunteer dentists.

- Initial intake of patients which included full mouth X-rays, obtaining patient history, and entering information into Eaglesoft Practice Management Software.
- Sterilization of dental tools, equipment, and rooms using an ultrasonic cleaner, autoclave, and antiseptic wipes.
- Chair side assistance on cleaning and restorative care.

Child Life Volunteer

October 2016 – May 2017

Seattle Children's Hospital | Seattle, WA

Provided children with toys, games and was a friend as a distraction from the hospital and ongoing treatments for one to two hours on Thursday evenings.

- Maintaining a safe and clean environment for children to play in the hospital's playroom

Volunteer

December 2013 – January 2016

Evergreen Hospital | Kirkland, WA

Greeted patients as they entered the hospital, gave verbal directions, and walked them to their destination while maintaining HIPAA compliance to ensure patient confidentiality.

- Collaborated with the Pre- and Post- Anesthesia care units to bring patients in for surgery and when patients are ready post-surgery to see loved ones.
- Coordinating with various departments in the hospital to deliver patient samples to the laboratory for testing

LEADERSHIP

President of the Pre-Medical Club

September 2017 – September 2018

Seattle Pacific University

Coordinated events for students to network with other pre-medical students and to hear from doctors and health care providers about their journey into medicine.

- Increased membership in the club by hosting education events for students.

EDUCATION

Seattle Pacific University

September 2015 - March 2019

Bachelor's of Science in Cellular and Molecular Biology

Minor: Chemistry

GPA: 3.5

SKILLS

- PowerBi, R, Python, SQL, Flowjo, BD FACSDiva, Benchling, FreezerPro, SPSS, JMP, and Microsoft Office suite.
- Transfection and transduction of HEK293T immortalized and primary cell lines.
- cGMP, GDP, and Good Laboratory Practices (GLP).