# Research (UT)

## 2023 Winter

### Shane Baker

#### Internship Description

Industry: Biotechnology

Company: Biomerieux

Location: Salt Lake City, Utah

Semester: 2023 Winter

Paid/unpaid: unknown

Summary: What I do specifically is I work in the oligo lab, and so I helped to synthesize oligonucleotides that are specific to different pathogens. And then those are put in the pouch and then they're used to a rapid PCR tests to accurately diagnose people with different pathogens. So the different types of panels, like it'd be like a respiratory one report bunch of different respiratory oligonucleotides, so on, so forth with different types of stuff.

## 2022 Winter

### Josanna Turner

#### Internship Description

Industry: Medical

Company: Utah Neurological Clinic

Location: Provo, Utah

Semester: 2022 Winter

Paid/unpaid: unknown

Found: Researched

Summary: I recently interned at the Utah Neurological Clinic, specializing in neuro and spine surgeries, pre and post-operative care, and pain management. During my internship, I assisted with patient care by monitoring vitals and updating their charts in the system. I also helped providers by guiding patients to their designated rooms and offices. To find this internship, I simply searched for clinics in the Provo, Utah area and submitted my resume to the HR email provided.

## 2021 Fall

### Isabelle Bent

#### Internship Description

Industry: Education/ Research

Company: Brigham Young University-Provo (Micro Biology Lab)

Location: Provo, Utah

Semester: 2021 Fall

Paid/unpaid: Unknown

Found: Family

Summary: During my internship at Brigham Young University's microbiology lab in Provo, I had the privilege of working with Dr. Giuliano Gross. Our main focus was isolating bacteria phages for future use in phage therapy. Additionally, I gained valuable skills in lab maintenance, solution preparation, and plate-making.

## 2021 Winter

### Jared Foster

#### Internship Description

Industry: Education/ Medical/ Research

Company: The University of Utah- Moran Eye Center

Location: Salt Lake City, Utah

Semester: 2021 Winter

Paid/unpaid: unknown

Summary: I had the incredible opportunity to intern at the Intraocular Research Lab in the Moran Eye Center at the University of Utah in Salt Lake City, as part of a project in collaboration with a renowned company seeking to develop efficient lenses for human use. As a lab intern, I participated in preoperative exams on rabbits, set up surgical rooms, recorded surgeries, administered injections, assisted the surgeon, conducted postoperative examinations, took pictures of lenses, and collaborated in the analysis of biocompatibility. I also aided in the preparation and examination of ophthalmology specimens and worked on other sensitive studies.

## 2020 Spring

### Tyler Harris

#### Internship Description

Industry: University

Company: Andrology Lab [University of Utah]

Location: Salt Lake City, Utah

Semester: 2020 Spring

Paid/unpaid: Unknown

Summary: You  have  the  clinical  side which  is  essentially  doing sperm  analysis  like  looking  at motility  in  shape  and  health, as  well  as  sperm  count,  and also  being  involved  in  IVF  treatments. The  research  side  have varied  a  lot  and  what  they  did. But  if  I  could  maybe hone  in  on  to  one  subject, it  was  epigenetics, which  is  essentially  looking  at  how  DNA changes  based  on  your  environment. And  so  a  lot  of the  projects  I  got  to  be  involved in  range  pretty  significantly. I  looked  one  thing I  was  heavily  involved  in  was doing  DNA  extractions  from bloods,  spit,  and  sperm. And  so  the  project there  was  the  Gemini  project, which  is  this  initiative  that's analyzing  DNA  from  all  across  the  world and  looking  how  sperm  has  changed  in different  areas  to  show how  men  can  be  fertile  and  infertile.

### Vivian Ashton

#### Internship Description

Industry: University

Company: Pickett Lab [Byu Provo]

Location: Provo, Utah

Semester: 2020 Spring

Paid/unpaid: Unknown

Found: Networking

Summary: This  lab  compares  or focuses  on  comparative  genomics, comparative  genomics  of  human  pathogens. And  so  the  project  that  I  got  to  work  on was  a  pathway  analysis  project where  I  was  given  a  bunch  of  data  from a  previous  prior  experiment where  they  introduced  a  pathogen to  a  series  of  cells.

Read this online at <https://books.byui.edu/biology_internships/research_ut>