Former Lab Members

Alexandra Ford
Summer Student

During my time in the Morfeus lab, I was able to learn more about the imaging physics field, through assisting in liver and head-and-neck normal tissue segmentation. Working with Brian, I helped with the manual segmentation of liver lobes, which created data that is being used as a base for a new deep learning algorithm, that will assist surgical physicians. Working with Molly, I assisted with the development of 2 models which will aid in a comprehensive biomechanical model, to describe the response of the parotid glands during radiation therapy.

Jason King
Summer Student

As a Summer Student, I had a wonderful learning experience in the Morfeus lab, which included gaining insight as to how imaging is used in the clinic to guide surgery and biopsy procedures. I am especially interested in how emerging optical technologies can be implemented with the technology currently used in the clinic. I was also able to learn about image registration and how Morfeus compares to other registration techniques.