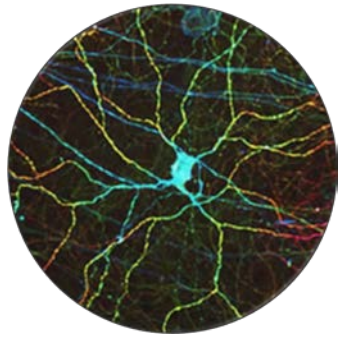


WAITT ADVANCED BIOPHOTONICS CORE

Job Opportunity



The Waitt Advanced Biophotonics Center has been established at the Salk Institute for Biological Studies as a state-of-the-art research hub to provide advanced and emerging imaging modalities to enable unprecedented insights into the inner workings of cells, tissues and organisms. We are seeking a highly motivated and experienced candidate in the field of computational image analysis to serve as an Image Analysis Specialist for the Biophotonics Core Facility.

Position summary:

The Image Analysis Specialist will have a principal responsibility to collaborate with the other light and electron microscopy researchers in the Biophotonics Core and the Salk Institute to provide specific expertise for developing custom computer algorithms for complex and novel analyses of raw imaging data, computer data management and developing algorithms for microscopy operations. The Image Analysis Specialist will also develop and publish novel imaging and image analysis techniques in collaboration with the Core Director and Salk faculty. The Image Analysis Specialist will apply existing image processing software to 2D and 3D images and videos, and will also integrate data across different platforms (e.g. correlative EM). Finally, under the supervision and training of the Core Director, the Image Analysis Specialist will become familiar with the microscopes used in the facility, and develop expertise in using the equipment to acquire imaging data optimized for image analysis. Along with the Core Director, the Image Analysis Specialist will train Salk scientists on how to properly acquire high quality quantitative microscopy image data. This is a multi-faceted job that involves the following components:

- *Image Processing & Data Analysis* - With the support of the Core Director, the incumbent will participate in the collaborative development of custom image data analysis and algorithm solutions.
- *Research Design & Participation* - aiding Director and independently assisting users in design of imaging experiments. Educate facility users in the use of facility instrumentation and methods used therein for optimal acquisition of imaging data.
- *Data Collection & Presentation* - collecting and managing data and helping to prepare data for publication & presentation.
- *User Training* - guide and assist Salk researchers in the use of existing image acquisition and processing software.

To Apply: <http://www.salk.edu/about/careers/>

