



Applications Scientist – Double Helix Optics

About Us

Double Helix Optics is an emerging leader in 3D imaging for life sciences. Built on technology originally developed in the labs of Dr. Rafael Piestun at the University of Colorado, Boulder and 2014 Nobel Prize winner Dr. W.E. Moerner at Stanford University, the company is known for its Light Engineering™ engineered PSF technology. Our technology enables imaging and tracking with an unprecedented combination of precision and depth, offering one order of magnitude enhanced precision than conventional, diffraction-limited imaging and with depth ranges exceeding 20 microns in a single shot.

A growing start-up company, based in Boulder, CO, you will be working in an exciting, fast-paced but also relaxed and flexible working environment. As a small company, you will be close to all aspects of the business. There will be room to grow with and within the business. You will be expected to be self-managing, proactive and collaborative.

Double Helix Optics is an equal opportunity employer. We evaluate qualified applicants without regard to race, color, national origin, religion, gender, age, marital status, disability, veteran status, sexual orientation, gender identity, or any other characteristic protected by law.

Job Summary

The Applications Scientist is a key member of the company team. You will provide both internal support for the ongoing R&D and product commercialization activities of Double Helix Optics, and support for collaborators and customers in the use of Double Helix Optics products. Home base location is flexible.

Key Job Responsibilities:

- Technical product expert with primary role in support of sales and customer support of company's 3D imaging line of products.
- Cultivate positive customer relationships and act as a high-level customer interface.
- Explain complex technology details, give in-depth technical presentations, and represent the company at trade conferences.
- Provide product demonstration, installation and training to existing and potential customers. Translate customer needs into workable solutions.
- Provide performance and product feedback to team for continuous product innovation.
- Work with engineering and customers to solve product related issues and problems.
- Manage collaborator relationships.
- Consult with collaborators and customers on scientific research, sample preparation and imaging activities.
- Prepare samples and collect imaging data for the purposes of ongoing R&D and commercialization activities.
- Create publications on 3D imaging and scientific uses in collaboration with external researchers.
- Willingness to travel

Qualifications:

- Ph.D. degree in Biology, Biophysics, or related field, plus 3+ years of industry experience
- Hands-on experience with sample preparation for fluorescence studies of biological samples
- Experience with single-molecule biophysics is preferred
- Experience with super-resolution light microscopy is preferred
- A highly self-motivated and a solid team player with excellent oral and written communication skills
- Eligible to work in the United States

If you are looking for an opportunity to work with an emerging market leader recognized for their innovative and path-breaking 3D imaging technology and you are looking to grow your career as part of a growing young company want to be part of a growth, this may be the right job for you.