



POSITION ANNOUNCEMENT

Laser/Optical Scientist

Description: Bridger Photonics, Inc., seeks an Optical Scientist to significantly contribute to their research and product development efforts pertaining to state-of-the-art distance measurement, metrology, gas sensing, and advanced imaging technologies.

Responsibilities include, but are not limited to: contributing significantly to a team of engineers, scientists, and technicians on new technology development from conception through R&D to production of reliable commercial products, supporting Bridger's core business areas by performing R&D, innovating and demonstrating solutions to problems related to lasers, photonics, optics, lidar, and other laser-based sensing systems, working with high-average-power (> 10 W) and large pulse (>5 mJ) lasers, developing detailed optical designs, acquiring and processing data, writing technical reports, preparing and giving customer presentations.

Required qualifications:

- Master's or Ph.D. in Laser, Optical, or Photonics Engineering, Physics, or equivalent with significant laboratory experience.
- Strong theoretical background in Gaussian beam propagation, Fourier optics, diffraction, imaging systems, lasers, linear optics, and nonlinear optics.
- Expertise and mastery in construction and troubleshooting of complex optical systems.
- Demonstrated ability to communicate verbally and in writing with high-value customers.
- Willingness to work extremely hard and efficiently in fast-paced research and development environment.
- Ability to take initiative and work independently to solve challenging problems.
- Ability to work cohesively with a team of scientists, engineers, and support staff.

Preferred qualifications:

- Significant experience leading the development and commercialization of laser or photonic products.
- Expertise in laser construction, lidar, and remote sensing.
- Proficiency with Matlab, Zemax, and SolidWorks software.

Additional Information:

- This is a full-time, salaried position. Occasional travel may be necessary.
- Salary is commensurate with education, experience, and skills, and we offer excellent health, dental, and retirement benefits.
- Bridger Photonics, Inc. is an Equal Opportunity Employer and will not discriminate against any employee or applicant for employment because of race, color, religion, disability, sex, familial status, or national origin. U.S. citizenship required.

For full consideration, please submit the following by **Monday, November 5, 2018:** (a) cover letter identifying the position you are applying for and your interest in the job, (b) resume, and (c) two relevant professional references. Please submit application materials via **email** with the job title in the subject line to: hr@bridgerphotonics.com

About Bridger Photonics, Inc.

Bridger Photonics is a recognized world leader in coherent, high-resolution, absolute distance measurement and imaging technologies. We create sound and innovative solutions together with our customers and partners to meet their Metrology and LiDAR objectives. We are driven by a desire to create innovative distance measurement and imaging products that advance society and significantly enhance our customers' measurement capabilities.

Located in the heart of southwestern Montana's Rocky Mountains, Bozeman, Montana offers unrivaled outdoor opportunities for skiing, hiking, climbing, biking, rafting, and camping; an outdoor enthusiast's dream. Yellowstone National Park is just a 1 ½ hour drive from our doorstep. Our community also offers an exceptional educational system, an infrastructure for successful technical businesses, and many cultural and sporting events. For us, these factors help make Bozeman the ideal place to live and work.