

**POSITION TITLE: BIOENGINEER**

**Company Description:**

Located in Seattle, Lumen Bioscience has developed proprietary technology to genetically engineer *Arthrospira* sp. (Spirulina), and has built strains of Spirulina that synthesize high value products.

Lumen is seeking a highly motivated, innovative bioengineer to lead the design, construction and operation of large-scale, indoor photobioreactors customized for the growth of Spirulina.

**Description of Position:**

The major tasks for this position are:

- Overseeing the design, construction and operation of a large scale bioreactor system (up to 10,000 L per production unit) optimized for growth of Spirulina, together with associated seed train and extraction processes
- Managing operation of the commercial scale photobioreactor production facility, including:
  - Developing and implementing written protocols/SOPs
  - Managing production and harvesting processes and teams.
- Working with the molecular biology R&D team to develop and introduce new improvements to the biological system

**Qualifications:**

- A postgraduate degree in biology, engineering or a related field.
- Experience in the design and operation a commercial-scale bioreactor production system
  - preference for candidates that understand the unique requirements of photosynthetic microorganisms in large scale cultivation systems (*photobioreactors*)
- Ability to bring innovative ideas and critical insights to microalgal growth in photobioreactors
- Experience with design, construction and operation of photobioreactors.
- Strong organizational and communication skills.
- The ability to work both independently and in a team-oriented environment.

**Position Posting Date**

March 24, 2017

**Position Closing Date**

Open Until Filled

**Type of Position**

Full-Time; Permanent

**Instructions for Applicants**

Interested candidates should send a cover letter and resume to [jobs@lumenbioscience.com](mailto:jobs@lumenbioscience.com); please reference the job title above in the subject field of the email.