ORGANIC/POLYMER MATERIALS SYNTHETIC CHEMIST

Immediate Opening

Location: Folio Photonics, Solon, OH
Job Type: Full time

COMPANY DESCRIPTION
Folio Photonics is a dynamic startup company focused on developing a multi-terabyte multilayer fluorescent optical disc with a decades long shelf-life, small environmental footprint, and low total cost of ownership. This technology represents a significant and much needed breakthrough for the archival and nearline data storage industry. The research and development team possess the diverse range of skills need to bring the optical media as well as the optical/electronic instrumentation needed to write and read data. The technology development requires the efforts of diverse disciplines: chemistry, physics, materials and polymer science and engineering, as well as optical, computer and electronic engineering. Our team is composed of talented individuals that that thrive in a high-tech, interdisciplinary environment.

JOB DESCRIPTION
The materials chemist will work on the development of photoactive materials for multi-layer thin films for optical data storage. If you are a talented chemist with a desire to learn and create many aspects of a complex system in a fast-moving startup company, this position is right for you.

Job Duties:
• Design and synthesize new photoactive organic chromophores and fluorophores
• Prepare compounds, reagents, and solutions used in laboratory procedures
• Develop relevant synthetic protocols and, in some cases, scale-up procedures
• Provide thorough chemical characterization for new materials
• Demonstrate a strong work ethic with desire to deliver results
• Provide overall support to the Folio Photonics team
• Management opportunity for appropriately qualified candidates

Essential Qualifications:
• Demonstrated ability to perform complex synthetic and analytical laboratory procedures to develop new photoactive and/or polymer materials
• Ph.D. in Chemistry or Polymer Science or equivalent experience

Preferred Qualifications:
• Knowledge of photophysics and photochemistry of organic chromophores, fluorophores or polymers
• Experience in organic opto/electronic materials research

CONTACT
Email a cover letter and resume to Irina.shyanovskaya@foliophotonics.com.

Folio Photonics is an equal opportunity employer.