Title: **(Sr.) Software Program Manager, New Product Development**
Department: **Research & Development**
Location: **Marlborough, MA**

About Akoya Biosciences:
As 'The Spatial Biology Company®', Akoya Biosciences' mission is to bring context to the world of biology and human health through the power of spatial phenotyping. The company offers comprehensive single-cell imaging solutions that allow researchers to phenotype cells with spatial context and visualize how they organize and interact to influence disease progression and treatment response. Akoya offers two distinct solutions, the CODEX® and Phenoptics™ platforms, to serve the diverse needs of researchers across discovery, translational and clinical research.

Position Summary:
The individual will manage and lead new software development projects across the Akoya Biosciences portfolio. Software development projects fall into three categories: instrument control/UI, desktop applications, and cloud-based applications. This role will initially manage instrument control software/UI development, but the role can expand into other areas depending on the candidate's interest and skillset.

The program manager will work with our Director of Software and lead an expert team of software product developers leveraging several software development methodologies (Agile, waterfall, etc.)

The role will partner with R&D, Quality, Product Management, Operations, and Technical Support managers to drive new product development projects from product definition, realization, and commercialization.

The Marlborough campus development process is ISO-13485 compliant.

Duties & Responsibilities:

- Holistically manage the design, development, and commercialization of new software products (instrument control/UI, cloud-based applications, desktop applications, APIs) used in fluorescent multiplex tissue pathology. Development projects are currently for research-use-only products but may transition to FDA-regulated projects in the future.
- Leverage Akoya's design and development and software release processes to lead multi-disciplinary, cross-functional teams to develop new software products.
- Drive user and software requirements needed for product definition and software development activities.
- Manage software development projects using Agile, scrum, and/or waterfall methodologies through the full software development cycle.
- Create and execute project plans with key program stakeholders that include timelines, resources, and budgets.
- Partner with Quality to ensure adherence to Akoya's Quality System and identify and mitigate risks throughout the project lifecycle.
- Provide periodic updates to upper management on project status, risk, and risk management strategies.
- Support initiatives of a newly formed Program Management Office (PMO).

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Skills & Requirements

- 5+ years of project/program management developing new software products (instrument control, user-interface, cloud-based applications, desktop applications, APIs), preferably used in life science research, medical device, IVD, or companion diagnostic products.
- 3+ years of agile software development practices, as scrum master, product owner, or team leader.
- Proven track record of managing software development projects that lead to new products.
- B.S. (or higher) in Engineering (Software, Biomedical), Computer Science, Science (Biology, Chemistry), or related fields.
- Competency with C# programming
- Experience with Jira work management software
- Familiarity with WPF, C++, .NET, NUnit, Visual Studio, NAnt, Mercurial, Trac and other relevant development tools preferred, but not required
- Excellent communication skills (enjoys working with diverse team members)
- Effectively coordinate and work with experts from multiple technical disciplines across departments/functions (R&D, Quality, DevOps, Business)
- Experience working within an ISO 9001/13485 compliant Quality System (preferred)
- Understanding of 21 CFR Part 820, Quality System Regulation (preferred)
- Proficient in Microsoft Office (Microsoft Project a plus, but not required).
- Ability to multi-task and manage priorities
- Strong organizational skills and attention to detail
- Familiarity with software development guidance documents (preferred):
    - IEC 62304:2006 Medical device software – Software life cycle processes
    - FDA guidance document, General Principles of Software Validation
    - Human factors standards related to medical device software development
- Understand the role of DevOps in the cloud-based software release process
- PMP Certification (a plus, but not required)
- Knowledge of fluorescence, fluorescent imaging, and reagents (a plus, but not required)

Akoya Biosciences, Inc. proudly affords equal employment opportunity to all qualified persons regardless of race, color, religious creed, national origin, age, military status, sexual orientation, disability, genetic information, gender identity, gender expression or gender unless based upon a bona fide occupational qualification.

Apply at: careers@akoyabio.com