



RainDance Technologies Inc.

POSITION DESCRIPTION

Title: **Senior Scientist, Fluidics**
Reports To: **Manager of Fluidics**

RainDance Technologies, Inc. is a biomedical technology company devoted to developing and commercializing a proprietary droplet-based microfluidics platform. The core of our technology is the generation of stable, nano-liter sized droplets that act as the functional equivalent of a test tube, or a well on a microtiter plate. RainDance recognizes that the rate and scale of research is accelerating dynamically, and in order for researchers to keep pace with these demands, they need the benefits of high quality individualized reactions generated on a massive scale. Our vision is to be the worldwide leader in sample processing and analytical solutions that provide a new standard of data quality.

POSITION SUMMARY:

RDT is seeking an applied physicist, experimental biophysicist, or research engineer to support next generation microfluidics development for biological applications.

ESSENTIAL FUNCTIONS:

- Microfluidic design and implementation
- Fluorescence-based bioassay development
- Quantitative image analysis of droplet streams
- Execute experiments supporting assay development for RNA/DNA amplification and analysis.
- Cross-functionally interface with engineering and marketing personnel to support successful product development.
- Assist with collaborations with academic institutions and industry partners.
- Generate and analyze scientific results to support publications and regulatory submissions. Maintain laboratory equipment and inventory levels for supplies
- Ensure continued safety of laboratory environment
- Troubleshoot and calibrate instruments
- Serve as a part of product development & launch team
- Other tasks as reasonably requested.

QUALIFICATIONS:

Required:

- Ph.D. in physics, biophysics, or engineering
- In depth experience in
 - Microfluidics
 - Fluorescence-based microscopy



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- Scientific instrumentation
- Track-record of scientific achievement
- Demonstrated ability to work in an interdisciplinary team setting
- The ability to overcome technical challenges in a fast paced, commercial environment
- Excellent communication and organizational skills
- Self-starter who requires minimal supervision to be productive

Desired:

- 2-5 years of industry experience
- Knowledge of chemical thermodynamics and electrokinetic behavior

Benefits

RainDance Technologies offers a valuable benefits package as part of your compensation. The company is committed to providing all employees with a broad range of competitive benefit programs to meet personal and financial needs. Some of the benefits available to full-time employees are:

- Medical & Dental Insurance
- Health Care Flex Spending Account
- Dependent Care Flex Spending Account
- 401(k) Retirement Savings Plan
- Employee Stock Ownership Plan
- Basic Life Insurance
- Voluntary Term Life Insurance
- Basic Accidental Death & Dismemberment Insurance
- Business Travel Accident Insurance
- Short-term Disability
- Long-term Disability
- Vacation, holidays, and sick time pay

When applying for this position, please put the job title on the subject line and send the email to:

rdtjobs@raindancetechnologies.com

An equal opportunity employer

Visit our website: www.raindancetechnologies.com