WE'RE HIRING

Division of Cancer Epidemiology and Genetics

Postdoctoral Researcher
Data Science for Cancer Research and Precision Prevention

The new **Data Science Group** created at the **Division of Cancer Epidemiology and Genetics** (DCEG) of the National Cancer Institute in 2019 is opening postdoctoral positions in research projects ranging from distributed Machine Learning to Computational Pathology and Population Science. These are technology and data-intensive intensive projects that explore computational solutions at the consumer-facing intersection of Cloud and Web computing.

DCEG is involved in cohort studies, both national and international, that involve hundreds of thousands of participants. The data types are constantly evolving and range from genomics and digital pathology to environmental and behavioral signals. The technology landscape is evolving just as fast, with wearable sensing, consumer-facing health services creating entirely new opportunities to research and develop Precision Prevention of Cancer. Self-directed and community-driven Education plays a major role in the configuration of these positions. The candidates selected will be invited to contribute to hackathons such as cloud4bio.github.io.

Goals: This position will engage the new data landscape being populated by three of the newest cohort studies, the Connect study, the Confluence project and Sherlock-lung (a genomic epidemiologic study of lung cancer in never smokers). For more information about these studies visit dceg.cancer.gov.

Qualifications: A doctoral degree with an emphasis in Bioinformatics, Computational Statistics, Computer Science, Media Science or Data Science. Candidates familiar with neural network based AI, Web and Cloud Technologies or with an interest in exploring AI-first software engineering applications to cancer research and prevention will be favored. These positions welcome both national and non-resident candidates. Additional information about hiring, career advancement and benefits can be found at www.cancer.gov/grants-training/training/at-nci/crta.

NIH is an equal opportunity employer.

For more information about this position, contact:

Jonas Almeida, Ph.D., *Chief Data Scientist*
Email: jonas.dealmeida@nih.gov
Tel: 240-276-7977

To Apply: http://dceg.cancer.gov **and directly to Dr. Almeida.** *Click on Fellowship & Training for overview, qualifications and application details.*

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