



Title: Intern, Informatics
Reports to: Bioinformatician
Department: Informatics
Location: Remote

MMRF OVERVIEW:

A pioneer in precision medicine, the Multiple Myeloma Research Foundation (MMRF) seeks to find a cure for all multiple myeloma patients by relentlessly pursuing innovations that accelerate the development of precision treatments for cancer. Founded in 1998 by Kathy Giusti, a multiple myeloma patient, and her twin sister Karen Andrews as a 501(c)(3) nonprofit organization, the MMRF has created the business model around cancer—from data to analytics to the clinic. The MMRF identifies barriers and then finds the solutions to overcome them, bringing in the best partners and aligning incentives in the industry to drive better outcomes for patients. Since its inception, the organization has collected thousands of samples and tissues, opened nearly 100 trials, helped bring 13 FDA-approved therapies to market, and built CoMMpass, the single largest genomic dataset for any cancer. Today, the MMRF is building on its legacy in genomics and is expanding into immune oncology, as the combination of these two fields will be critical to making precision medicine possible for all patients. The MMRF has raised nearly \$500 million and directs nearly 90% of the total funds to research and related programs. To learn more, visit www.themmr.org

The mission of the MMRF is to accelerate a cure for each and every myeloma patient. We know that multiple myeloma is different in every patient. Our goal is to generate and collect as much patient data as possible and make it available to researchers worldwide, to speed new discoveries and propel new clinical options for myeloma patients into the clinic as quickly as possible.

MMRF Core Values:

At the MMRF our core values define both who we are and how we work together as an organization. We believe in investing in our team and building a culture that will help us pursue our highest level mission to accelerate a cure for each and every multiple myeloma patient. Our five core values are expressed below:

1. **Prioritize Patients** - Patients are at the center of everything we do. Every decision we make is grounded in the needs and best interests of the patients we serve.
2. **Drive Innovation** - We are committed to pursuing big, bold ideas. Taking risks, trying new approaches, and challenging the status quo are necessary to speed new discoveries.
3. **Deliver Solutions** - Taking on complicated challenges is what sets us apart. To deliver results, we must be decisive, take action, and act with urgency on behalf of the myeloma community.
4. **Do It Together** - We know that together, we are stronger. We work cross-functionally with the entire community to achieve our mission and are invested in the success of others.
5. **Build Trust** - We build trust-based relationships. We advocate for each and every myeloma patient by committing to diversity, equity, and inclusion and treating others with respect.

Position Overview:

The MMRF is looking for highly motivated individuals to spend the summer as part of the bioinformatics group at the Multiple Myeloma Research Foundation. This is an opportunity to learn more about the field of bioinformatics and work closely with the members of the bioinformatics and research groups using rich longitudinal clinico-omic data from Multiple Myeloma patients.

Project(s): (Please list 1-3 specific projects that can be started and finished within the time frame of the internship):

- Projects may include coding standalone tools or small pipelines/workflows to perform analysis of sequencing data for specific cohort of patients based on clinical and genomic features
- Summarizing and visualizing results.
- Intern will be expected to present the results of their projects to the MMRF community at the end of the summer.

Qualifications:

- Pursuing a Master's in data science, epidemiology, biostatistics, etc.
- Experience in oncology research
- Experience in R-scripting

EEO Statement

The Multiple Myeloma Research Foundation (MMRF) is an equal opportunity employer and does not discriminate against any candidate based on race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, genetic information, marital status, sex, gender, gender identity, gender expression, age, military and veteran status, sexual orientation, or any other factor protected by federal, state, or local law.