OVERVIEW

The Nevada Institute of Personalized Medicine (NIPM) at UNLV is working to improve individual and community health in Nevada through research and technology commercialization, education, and workforce training.

Modern healthcare relies largely on an expensive "one-size-fits-most model for diagnosis and treatment that often fails to account for biological differences between people. Personalized medicine is different. Your unique genetic makeup — your DNA — already encodes the blueprint for effective treatment and disease prevention.

NIPM will help move Nevada from the trial-and-error medicine of today to the data-driven decision-making of tomorrow by decoding genomes to predict disease susceptibility, sift through treatment options, and fine-tune drug dosages to minimize adverse effects and help Nevadans lead longer and healthier lives.

Roles and Responsibilities
We are seeking motivated undergraduate students who have strong programming skills and want to gain research experience in bioinformatics. students will involve in data processing, computational analysis, and statistical analysis of the National Institute of Health Funded COBRE grant projects. you will have the opportunity to learn how to leverage big data resources to solve real world problems in the biomedical field.

Education and Qualifications
-Programming skills in C++/Java/R/Python
-Research interests in bioinformatics, personalized medicine, and big data analysis

How to Apply
To apply, please send your resume to Dr. Qing Wu at qing.wu@unlv.edu