

Ph.D Position in Bioinformatics

(Closing Date: Early April 2021)

Definition of Bioinformatics (A Brighter Future):

https://www.youtube.com/watch?v=MkXsy_VNwcQ

https://www.youtube.com/watch?v=3Xs7S3r_Eo0



Requirement:

- Have Master's and Bachelor's degrees.
- At least one of the degrees (Master's degree or Bachelor's degree) must be in Biomedical Engineering, Biomedical Informatics, Health Informatics or other related fields.
- Candidates with Bachelor's degree and Master's degree in Biological Science, Biomedical Science or Health Science with programming knowledge and skill will also be considered.
- High interest in Artificial Intelligence and Data Science.
- Have programming skills and knowledge.
- Have good character and attitude.
- A score of at least 6.5 on the IELTS or an equivalent TOFEL score.
- A team player and have strong communication skills.
- Good oral and written proficiency in English.

Ph.D Research Area:

- Machine Learning and Big Data for Electronics Health Record Predictive Models
- Artificial Intelligence and Big Data for Rare Diseases such as Inborn Errors of Metabolism, Mendelian, etc.
- AI and Machine Learning for Pharmacogenomics
- Big Data Analytics for Handling NGS Data and Its Applications
- AI and Machine Learning for Biomarker Detection and Cancer Classification

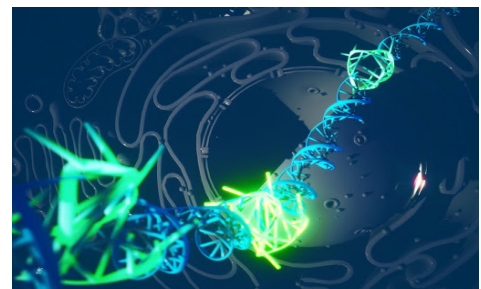


Location:

Department of Genetics and Genomics, College of Medical and Health Sciences, United Arab Emirates University, Al-Ain, Abu Dhabi, United Arab Emirates.

The Opportunity:

- Highly potential to get Scholarships, Fellowships, and Graduate Assistantships:
 - <https://www.uaeu.ac.ae/en/cgs/scholarship.shtml>
 - Typically, candidates will be able to find out the application status of their Scholarships, Fellowships, and Graduate Assistantships before they register as a Ph.D. student.
- Student hostel facilities near campus.
- Bioinformatics infrastructure facilities are provided such as High-Performance Computing (HPC), Graphical Processing Unit (GPU), workstation, etc.
- Team supervision - under experienced supervisors.
- Opportunity to realize research attachments abroad such as in Japan, Europe, Australia, and New Zealand.



Enquiries:

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