

Dr. Nisar Ahmed Shar

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Objective

I am looking forward to work in a competitive and challenging environment where I have the opportunity to use my skills and abilities to the best.

Education

Ph.D University of Leeds
Bioinformatics (March 2017)

BS Bioinformatics COMSATS Institute of Information Technology (1st Division)
(2008)

H.S.S.C (2004) Bahria Foundation College, Khairpur (1st Division)

S.S.C (2002) Army Public School & intermediate College, Pano Aqil Cantt (1st Division)

Teaching Experience

- I worked as a lecturer in NED University of Engineering & Technology from March 2009 to August 2013).
I taught Bioinformatics, Computational Biology, Tissue Engineering and Biotechnology.
 - I worked as a demonstrator in University of Leeds for 3 years
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Research Experience

During PhD

- Cancer somatic mutations cluster in a subset of regulatory sites predicted from the ENCODE data set (Published in Molecular Cancer journal)
- Statistics and evolutionary conservation analysis of overlapping transcription factor binding sites (Publication is under preparation)

Before PhD

- I had presented my poster named "**Structural and Functional analysis of genes involved in Alport syndrome**" in symposium-cum-workshop from 1st -3rd March 2011 on Biochemistry in University of Karachi.
- I had presented my poster named "**Reverse Engineering: Genetic factors involved in Multiple sclerosis**" in symposium-cum-workshop from 1st -3rd March 2011 on Biochemistry in University of Karachi
- I had presented my abstract named "**Association of SNPs with Ovarian Cancer Susceptibility**" in International Conference on Biotechnology in University of Sindh.
- I have also a field experience of collecting blood samples for deafness and RP.

Conferences

- I had presented my poster named "Statistics and evolutionary conservation analysis of overlapping transcription factor binding sites" in NGS-2016 conference from 4-6th April, 2016 at Centre for Genomic

Skills

- Software programming in Python
 - Practical skills in molecular biology laboratory techniques
 - Practical skills in genome research and analysis
 - Practical skills in working on Next generation sequencing data
 - Practical skills in using Unix machines
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Extracurricular Activities

- Actively participated in a software competition and received a certificate of appreciation for successfully developing the software.
 - Actively participated in drama competitions and received certificate of appreciation.
 - I won the Quiz competitions on Radio Pakistan.
 - Actively participated in athletics competition (tug of war) and was awarded medals.
 - Actively participated in the debate competitions and received certificates for best debate.
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Publications

- Cancer somatic mutations cluster in a subset of regulatory sites predicted from the ENCODE data set.
<http://molecular-cancer.biomedcentral.com/articles/10.1186/s12943-016-0560-0>
 - Statistics and evolutionary conservation analysis of overlapping transcription factor binding sites (Publication is under preparation)
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REFERENCES

1. Prof. David Westhead
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2. Dr. Mathew Care
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