

Ramsha Shahbaz

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Research student with 3 years of experience in machine diagnosis, molecular testing, and laboratory analytical knowledge pertaining Genetics, Cancer, Hematology, Molecular Biology and Biotechnology along with hands on experience regarding Digital HR and marketing, tutoring of life science subjects, academic and non - academic freelance writing.

Professional Experience

Tutor **06/17 - 12/19**

Home Teaching

- Teaching students of High School, College and Graduation levels at home.
- Subjects included Allied Health Sciences, General Sciences, and compulsory subjects.

Abbasi Shaheed Hospital **01/19 - 04/19**

Pathology Lab Internee

Worked as an internee to gain more knowledge and hands on experience relative to the learned theoretical tests and daignostic parameters in Bachelors

- To learn, observe and apply all diagnostic principals, tests and procedures implicated in different units of a pathological laboratory including Urology, Serology, Hematology, Microbiology, Biochemistry and Phlebotomy.

Poultry Research and Molecular Biology Research Laboratory **01/19 - 06/20**

Senior Researcher

To learn, observe and apply all the diagnostic techniques learned in the lieu of research requirements

- To execute all the designed experimental work, tests with regards to parameters, research, data and statistical analysis and write up to complete mandatory research thesis for Master's degree.
- Included parameteric fields of Molecular Biology, Microbiology, Genetics, Poultry Physiology, Probiotics, Hematology and Biochemistry.

ORIC - The University of Karachi - Dept. of Physiology **01/20 - 04/20**

Assistant Professor Internee

Assigned out of 175 students after multiple tests, to aid and teach alongside my professors for the Dept. of Physiology, UOK, under the guidance of ORIC

- To teach and demonstrate all prescribed laboratory procedures to the assigned levels of Bachelors and to the specializion unit of Hematophysiology.
- To write up, edit and optimize all the laboratory testing procedures and the parameteres of test data analysis.
- To teach the young students and to guide them to consult research papers for data analysis and result conclusions, including affecting parameters.
- To let the students observe and learn the techniques from real time Molecular Biology testing parameters.

Ideus Marketing Lahore**09/20 - 01/21****Online Sales Executive, Digital HR Manager**

To create and handle my own taskforce for execution of sales and then for the HR management

- To analyze, hire and delegate appropriate candidates for online sales team.
- Execution of Sales and Sale promotion through SEO optimization, and Social media management systems.

Scarborough Health Network and Canada Pakistan R and D Council**05/21 - 06/21****Full time Senior Research Assistant and Enforcer**

Assigned as a senior research assistant and enforcer to the president of CPRDC and SHN

- To carry out all research carried out under SHN (Organizing individual teams and enforcing where applicable).
- To maintain communication with the president in real time response for proper and timely communication and conduct of appropriate protocols
- To be present in all meetings and to organize and assist in all the research and web related plans of CPRDC.
- To oversee, help and organize the teams for digital analysis, execution and maintenance of CPRDC web platforms.

Oriflame Sweden**08/21 - 04/22****Consultant**

- To recruit and form my own work force and to exhibit excellent leadership skills.
- To generate sales by product recommendation and consultancy.

Writerbay.Inc USA**11/21 - 04/22****Academic freelance writer**

- To complete all assigned academic and non - academic writing projects with strict focus on client's requirements, deadline management and paper format.

Education

S.M Public Academy / BSEK**01/00 - 12/13****Matriculation - S.Sc (Biology) - A - grade (83%)****Sir Syed Govt. Girl's College / BIEK****01/14 - 12/15****Intermediate - H.Sc (Pre - medical) - A - grade (75%)****University of Karachi - Dept. Of Physiology / HEC****01/16 - 12/18****B.Sc in Physiology - 3.5 CGPA****University of Karachi - Dept. of Physiology - Hematology unit / HEC****01/19 - 06/20****M.Sc in Hematology - 3.5 CGPA**

- Hematology is a specialized branch of Physiology for Blood and Immunology studies
- I opted for Master's level Research thesis

- I am currently persuing my research thesis on Anticancer therapy
- In this field we have specialized artificial medicine and we have studied particular advanced Molecular Biology techniques such as Gene cloning, recombinant and plasmid engineering, NGS, Krisper, Stem cell technology, DNA libraries etc

Projects

Charachter Sketch Compilation (Khaaka Nigaari)

01/16 - 05/30

- To pen down a detailed account of my late Grandfather's 3D charachter sketch as a part of competition, awarding first position.

World Diabetes Day by AIERC

- One day attending participant

Hedonarcotic Abuse in various Socioeconomic groups of Sindh / Punjab

01/18 - 08/18

- To lead a group of three for selection of drug spectrum and its usage analysis as a part of Pharmacology coursework.
- Determining the extent of various hedonarcotic abuse in different Socioeconomic spheres
- Included interviews with regular drug abusers of all catagories.
- Data analysis and percentile evaluation on the basis of the extent of rehabilitation relapse and symptoms relaying overall anti narcotic progress.

Neogenic Origins of Suicide

02/19 - 08/19

- Leading a team of three for selection of an appropriate reseach poster presentation for Hematology Unit Poster week.
- Analysis and timeline arrangement map of all affecting factors (genetic, enviornmental, pathological, pscycological, and behavioral triggers).
- Explanation of all these factors and how they alone or in a combination, trigger suicidal tendencies in suicide attempties and suicide executioners.

10th International Conference on Endorsing Health and Science Research

- One day attending participant of innovative of new technologies and scientific advancements of international specialists - 10th ICEHSR - 2022

APPNA MERIT - Health and innovation landscape in Pakistan,

- Attending participant in the lecture series with 18+ CME credit hours

Osaka University, Graduate School of Sciences, Japan

- International summer programme (ISP - 2021).
- Attending trainee participant for one month of training and sessions regarding scientific advancements.
- Specialization fields included Molecular Biology and Gene editing techniques, Biotechnology and plasmid engineering, Data analysis of molecular techniques, Nano - medicine, Artificial Biointelligence, Stem cell therapy, Oncological Genetics, Biomedical Physics, Quantum physics, Plasma physics, and Virology

5th International Women Empowerment Conference by AIERC

- One day attending participant at Woman empowerment programme series

Annual Neuroscience Conferences by PASBAN Society

- One day attending participant at Annual Neuroscience conference at Agha Khan University

Key Skills

- Dead line management
- Focus on microdetails
- Thorough and deep research
- Patient and Steadfast attitude
- Analytical approach
- Quick problem analysis
- Resourcefulness
- Ease at remote work
- Organized and highly focused tunnel vision
- Microsoft office (Word, Excel, Powerpoint)
- Analytical tools (SPSS)
- SEO optimization
- Curiosity and Persistence
- Work under pressure
- Can easily work in night shifts

Interests

- Cooking
- Arts
- Music
- Blogging
- Book reading
- Brain storming
- New discoveries
- Experimenting with new ideas
- Research