

Arooj Razaq Abbasi

Nationality: Pakistani **Date of birth:** 01/02/2002 **Gender:** Female **Phone number:** (+92) 3340916205

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Home: Gulzar e Quaid , 46222 Rawalpindi (Pakistan)

WORK EXPERIENCE

Polyclinic Hospital (Islamabad, Pakistan) – Internee Sampling and Pathology Lab – Islamabad, Pakistan

City: Islamabad | Country: Pakistan

Researcher

[22/07/2023 – 05/09/2023]

Conducted in Pathology lab of Polyclinic direction for multiple tests including HbA1c, TSH T4 T3, CP, RBS ESR, Serum Ferritin, Serum Albumin, Serum paraffin, Malaria, and Typhoid. Blood sampling in blood banks is done under the supervision of experienced supervisors who also deal with blood collection. Worked in a functional team with other internees and lab supervisors to provide better sampling and the best patient facility.

New Siddeeq Public School – Rawalpindi, Pakistan

City: Rawalpindi | Country: Pakistan | Website: <https://www.siddeeqeen.edu.pk/>

Biology teacher secondary school

[15/08/2023 – 15/08/2024]

EDUCATION AND TRAINING

Master of Science in Biochemistry and Molecular Biology

COMSATS University Islamabad

City: Islamabad | Country: Pakistan | Website: <https://www.comsats.edu.pk/> | Final grade: 4.00/4.00 | Number of credits: 24

Thesis in progress the course work is completed expected graduation in 2026

Bachelor of Science in Biosciences

COMSATS University Islamabad [13/09/2020 – 08/07/2024]

City: Islamabad | Country: Pakistan | Website: <https://www.comsats.edu.pk/> |
Field(s) of study: Natural sciences | Final grade: 3.37/4.0 | Number of credits: 137 | Thesis: "The Use of Patient Health Questionnaire-09 and Epidemiological Characterization of Pakistani Female Addicted Population"

Conducted the first study in Pakistan to use the PHQ-09 for assessing depression in female drug addicts. The research identified socio-demographic factors, drug consumption patterns, and mental health status, revealing a strong correlation between addiction and severe depression. Highlighted the need for integrated treatment approaches addressing both psychological and genetic aspects of addiction.

HSSC Intermediate

PUNJAB COLLEGE FOR WOMEN (S/ TOWN RWP) [07/09/2017 – 15/06/2019]

City: Rawalpindi | Country: Pakistan | Website: <https://pgc.edu/campus/punjab-college-for-women-rawalpindi/> |
Field(s) of study: Natural sciences (Biology) | Final grade: 854/1100

LANGUAGE SKILLS

Mother tongue(s): Urdu

Other language(s):

English

LISTENING C1 READING C2 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

HONOURS AND AWARDS

COMSATS University Islamabad

Prime Minister's Laptop Scheme

VOLUNTEERING

[01/03/2024 – 30/11/2024] Rawalpindi

Chambeli Institute of Handicapped Children

Assisted in the care and education of mentally disable children supporting the recreational and learning activities for the children.

Link: <https://chambeli.org/>

ONLINE COURSES

[12/08/2024 – 14/08/2024]

Addressing Gender Gaps in Vaccination/Immunization.

[04/08/2024 – 11/08/2024]

Climate Change and Sovereign Risk

[17/10/2024 – 25/10/2024]

Raising awareness on the responsible use of antibiotics in livestock

[19/10/2024 – 25/10/2024]

FAO Science and Innovation Strategy

[17/11/2024 – 20/11/2024]

Fully Funded International Genomics and Bioinformatics Bootcamp

[10/12/2024 – 13/12/2024]

Genomics and Bioinformatics Short Course 301

[23/12/2024 – 26/12/2024]

Exploratory Data Analysis Short Course

[21/12/2024 – 26/12/2024]

Bioinformatics Course 201

[12/09/2024 – 14/09/2024]

Demographic Transition and its Impacts

[12/09/2024 – 13/09/2024]

Achieving Sustainable Development Goals on Water and Sanitation

[15/09/2024 – 16/09/2024]

Enhancing Gender Integration in Scaled and Sustained Government Health Programs

[11/07/2025 – 11/07/2025]

Explore AI in Bioinformatics

MEMBERSHIP AND WORKSHOP

[20/05/2025 – 20/05/2025]

Hands-On Workshop on Next Generation Sequencing And Data Analysis of Viral Pathogens at National Institute of Health, Islamabad

Trained in RNA extraction, cDNA synthesis and NGS preparation for SARS-COV2. Valuable insights to bioinformatics for viral genome analysis.

Pakistan Biological Safety Association (PBSA)

Lifetime Member

Link: <https://pbsa.org.pk/>

WEBINAR

[13/12/2024 – 13/12/2024]

International Webinar Series for Life Scientists

DIGITAL SKILLS

Computer Skills

Report Writing / Sampling / Microsoft Office / Analyze Data analysis Using SPSS / Microsoft Excel / Microsoft Power point / Google Drive / Graphing Using Graph Pad prism.

Research Skills

Dissertation / Statistical Analysis / Sampling / Data Analysis Data Visualization / Data collection / Survey / Critical Analysis / Critical-thinking / Planning and Scheduling

Communication Skills

Collaborative / Self-confidence / Active listener