

## Sumreen Gul

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### EDUCATION

- University of Arkansas, Little Rock
  - Master of Science in Chemistry - Continue.
- University of Agriculture, Faisalabad, Pakistan
  - *Master of Science* in Chemistry - March 1994
  - *Specialized in Biochemistry/Organic Chemistry*
- Government College of Education, Faisalabad, Pakistan
  - *Bachelor of Education* - May 1996
  - *Specialized in Chemistry and Biology*
- Government College for Women Medina Town, Faisalabad, Pakistan
  - *Bachelor of Science* in Life Science - November 1991
  - *Specialized in Chemistry, Botany, & Zoology*

### WORK EXPERIENCE

- Teaching Assistant, University of Arkansas, Little Rock - (current)
- Chemistry Teacher, *Jacksonville High School*, Little Rock, AR, USA - (08/2013- 06/ 2014)
  - General chemistry and Pre-AP Chemistry classes.
- Substitute Teacher, *Little Rock School District*, Little Rock, AR - (01/2013-08/2013)
  - Acted as a substitute teacher.
- High School Teacher, *Government Girls High school*, Chaklala, Rawalpindi, Pakistan - (01/2002-10/2012)
  - General sciences for Grades 6<sup>th</sup> to 8<sup>th</sup>
  - Chemistry & physics classes for grades 9<sup>th</sup> to 10<sup>th</sup>
- College Professor, *Islamabad College for Girls F-6/2*, Islamabad, Pakistan - (09/1997- 01/2002)
  - General chemistry for Grades 11<sup>th</sup> to 14<sup>th</sup>
  - Taught a chemistry lab
- College Professor, *Islamabad College for Boys F-6/2*, Islamabad, Pakistan - (05/1996- 09/1997)
  - General chemistry for Grades 11<sup>th</sup> to 14<sup>th</sup>
  - Taught a chemistry lab

### Research Work

- Research in the field of Molecular Modeling of Polymers, University of Arkansas ,Little rock, - (Continue).
- Research Scientist, Biomolecular Integrations, Inc., Little Rock, AR, USA - (06/2013- 08/2013)
  - Collected blood samples from animal specimens
  - Centrifuged blood samples to obtain serum used for antibiotics.
- Research Associate, Department of Chemistry at the University of Agriculture, Faisalabad, Pakistan - (1991– 1994)
  - Data collection and analysis
  - Lab maintenance and house-keeping including calibration of laboratory equipment
  - Development and improvement of analysis procedures
  - Assisted the senior chemists with experiments and learnt daily small operations and tasks in laboratory
  - In-depth study and application of analytical techniques used to determine cholesterol levels in blood plasma
    - Libermann-Burchard Kit Method of Baker Principle, Method of Abell et al. Principal, Spectrophotometric Method of Zlatkis-Zak-Boyle Principle, and Parekh-Hung Method Principle

## **PUBLICATIONS**

- Gull, S. (1994). Comparison of Various Chemical Techniques for Total Plasma Cholesterol Analysis. (Master's Thesis), University of Agriculture, Department of Chemistry, Faisalabad, Pakistan.

## **TECHNICAL SKILLS**

- Chemistry lab equipment care, pipetting, spectrophotometer, titration, Chromatography, Microsoft Office.
- Multilingual in English, Punjabi and Urdu

**References available upon request.**