Dr. Muhammad Saleem Kashif

P-750, Street No. 2, Block-B, Johar Colony, Haji Abad, Faisalabad, Pakistan
+92-321-8872511 | +92-309-0442511| saleem.kashif@gcu.edu.pk | kashif1637@gmail.com

EDUCATION

1- **Ph.D. in Agronomy / Weed Science** *University of Agriculture, Faisalabad, Pakistan* (2014)
Part of research completed at Oregon State University, USA
Dissertation: Exploring the allelopathic potential of wheat (*Triticum aestivum* L.) against littleseed canarygrass (*Phalaris minor* Retz.)

2- **M.Sc. (Hons.) in Agronomy** *University of Agriculture, Faisalabad, Pakistan* (2009)
Thesis: Effect of nitrogen levels and irrigation scheduling on growth, radiation use efficiency, and yield of maize (*Zea mays* L.)

3- **B.Sc. (Hons.) in Agronomy** *University of Agriculture, Faisalabad, Pakistan* (2007)

PROFESSIONAL APPOINTMENTS

1- **Assistant Professor & Head of Department,** *Department of Agriculture, Government College University, Lahore, Pakistan* (**Oct 2023 – Present)**
- Deliver lectures and conduct research in Basic Agriculture, Agro-Ecology, Allelopathy, Weed Management, Crop Physiology, and Research Methodology
- Supervised 1 COMSTECH International Postdoctoral Fellow and 4 national postdoctoral/IIPIFP fellows
- Secure research grants and mentor students in experimental design, data analysis, and publication
- Lead curriculum enhancement with hands-on training and modern agronomic techniques
- Working as Technical Advisor (Agriculture) at Governor's House, Lahore (Additional role)

2- **Agriculture Extension Officer** *Punjab Agriculture Department, Government of Punjab, Pakistan* (Sep 2022 – May 2023)
- Empowered 871+ farmers through training on high-yield varieties, efficient irrigation, and IPM
- Organized 93 farmer days/seminars and arranged 32 training programs
- Promoted climate-resilient practices and monitored agricultural input regulation

3- **Garden Superintendent** *Governor's House, Lahore, Pakistan* (May 2023 – Oct 2023)
- Implemented sustainable crop production and landscaping; recognized for outstanding performance
- Developed a model agricultural and horticultural setup with industry collaboration
- Awarded with the certificate of appreciation from the Governor Punjab.

4- **Research Farm Manager** *Adaptive Research Farm, Farooqabad, Punjab Agriculture Department* (May 2014 – Sep 2022)
- Designed and executed 46 adaptive research trials on rice and wheat (nutrient management, DSR, pest control)
- Promoted Direct-Seeded Rice (DSR) and mechanical transplanting; produced certified seeds
- Earned annual honorarium for excellent performance

5- **J-1 Research Scholar** *Crop and Soil Science Department, Oregon State University, USA* (Sep 2012 – Feb 2013)
- Conducted allelopathy research using HPLC; analyzed phenolic compounds in wheat
- Presented at Pacific Northwest Weed Management Society Meeting, Pendleton, OR

RESEARCH INTERESTS

- Weed Science and Allelopathy
- Crop Nutrition and Farm Management

SELECTED GRANTS

1- Evaluation of Plant Growth Regulators (PGRs) and Phosphate-Solubilizing Bacteria as Priming Agents for Rice *Office of Research, Innovation and Commercialization (ORIC), GC University Lahore* (0.3 Million PKR)

SELECTED PUBLICATIONS *(20+ peer-reviewed; full list available upon request)*

- **Kashif MS**, Cheema ZA, Farooq M (2015). Allelopathic interaction of wheat and littleseed canarygrass. *International Journal of Agriculture and Biology*, 17(2):363–368.
- **Kashif MS**, Farooq M, Cheema ZA, Nawaz A (2015). Allelopathic potential of bread wheat in suppressing littleseed canarygrass at varying densities. *Archives of Agronomy and Soil Science*.
- Ali HH, Tanveer A, Nadeem MA, Javaid MM, **Kashif MS**, Chadhar AR (2013). Allelopathic effects of *Rhynchosia capitata* on mungbean. *Planta Daninha*, 31(3):501–509.
- Shahbaz M, **Kashif MS**, et al. (2023). Effectiveness of post-emergence herbicides against broad-leaved weeds in wheat. *Journal of Agriculture and Food*, 3(2):24–32.
- Kanwal, H., Raza, A., Zaheer, M. S., Nadeem, M., Ali, H. H., Manoharadas, S., Rizwan, M., **Kashif, M. S.,** Ahmad, U., Ikram, K., Riaz, M. W., & Rasool, F. (2024). Transformation of heavy metals from contaminated water to soil, fodder and animals. Scientific Reports, 14, 11705.

SELECTED PRESENTATIONS & PROFESSIONAL DEVELOPMENT

- Pacific Northwest Weed Management Society Meeting, Pendleton, OR, USA (2012) – *Oral Presentation*
- Weed Science Society of America (WSSA) Annual Meeting, Baltimore, MD, USA (2013)
- Hybrid Rice Technology Training, NARC & Long Ping Hi-Tech, China (2018)
- 21+ workshops on water management, seed production, IPM, and climate-resilient agriculture

AWARDS & HONORS

- Indigenous & International Research Support Scholarships, Higher Education Commission (HEC), Pakistan
- Member, Climate and Nitrogen Working Group, International Nitrogen Network, New York University, USA
- Certificates of Appreciation, Governor Punjab (2023, 2024)
- Annual Honorarium, Government of Punjab for outstanding farm management
- President, Society of Young Agronomists (SOYA), 2011–2012
- University Merit Scholarship, B.Sc. (Hons.) Agronomy

PROFESSIONAL SERVICE & LEADERSHIP

- Head of Department, Department of Agriculture, GC University Lahore (2023–Present)
- Active member, Pakistan Society of Agronomy (since 2009)
- Led curriculum development committees for sustainable agriculture integration
- Trained 1,000+ farmers; promoted DSR adoption across Punjab
- Organized 93 farmer seminars and 32 training programs

REFERENCES

- **Dr. Hafiz Haider Ali** Associate Professor, GC University Lahore (Currently Postdoc, Arkansas State University, USA) dr.haiderali@gcu.edu.pk | +92-321-3103612
- **Dr. Muhammad Farooq** Professor & Head, Department of Plant Sciences, Sultan Qaboos University, Oman farooqcp@squ.edu.om | +968-7173-8631
- **Dr. Zahid Ata Cheema** Professor (Retired), Department of Agronomy, University of Agriculture, Faisalabad cheemaza@gmail.com | +92-333-6531841