



Quality Enhancement Cell

KPK Agricultural University Peshawar, Pakistan

Faculty Resume

Name	<u>Dr. Zafar Iqbal</u>	
Personal	Sex	Male
	Date of Birth	01-08-1976
	Nationality	Pakistani
	Domicile	Swat (Khyber Pakhtukhwa)
	C.N.I.C No.	15602-0426582-1
	Passport No.	CF1335821
	Postal Address	Department of Agric. Chemistry, KPK Agricultural University, Peshawar, PAKISTAN
		Ph. (off) +92-91-9216903
		Cell: +923129325866
		E-mail: zafar.iqbal@aup.edu.pk zafarswat@yahoo.com
	Permanent Address	As above Res. Ph: 091-5842587
	Languages Known	Pushto, Urdu, English
Experience	-Lecturer	1-03-2003 contin...
Honor and Awards	<u>Award</u>	<u>Awarded by</u>
	1. HEC overseas scholarship for PhD studies at the University of Bristol, UK	HEC, 2006- 2010
	2. Gold Medal Award	Gomal University D. I. Khan, 1999
Membership	Member of Royal Society of Chemistry	
	Bristol University Alumni	
	KP, Agric. University Alumni British Alumni (KPK)	

Students Supervised

	<u>Total</u>	<u>Type of supervision</u>
PhD	01	Co-supervisor
M.Sc (Hons)	05	2 Major Supervisor 3 Co-supervisor
B.Sc (Hons)	04	2 Major Supervisor 2 Co-supervisor

Service Activity

Teaching and Research

Brief Statement of Research Interest

My area of interest cover understanding the chemistry & biology of secondary metabolites from biological sources including: Fungi, Bacteria and plants. Particularly I am interested to establish the relationship of the natural product with their biosynthetic gene cluster for development of new analogues of bioactive natural products utilizing molecular engineering methodologies. I also work on elucidation of biosynthetic pathways of natural products of economic importance, especially polyketides from fungi and bacteria.

Publications

Impact Factor Journals

1. J. Hothersall, A. C. Murphy, **Zafar Iqbal**, G. Campbell, E. R. Stephens, J. Wu, H. Cooper, S. Atkinson, P. William, J. Crosby, C. L. Willis, R. J. Cox, T. J. Simpson, C. M. Thomas, 2011 “ Manipulation of quorum sensing regulation in *Pseudomonas fluorescens* NCIMB 10586 to increase mupirocin producyion” *Applied Microbiology & Biotechnology*, 90: 1017-1026 (Impact factor 3.2)

HEC recognized other journals

1. **Zafar Iqbal**, H.U. Shah, S. Perveen, Habibullah and Saleemullah. 2004, “Aflatoxin content of cereals and nuts inoculated by *Aspergillus flavus* in response to their proximate composition”. *Sarhad J. Agric.* **20**: 153-156
2. M. Iqbal, **Zafar Iqbal**, R. Hanif, H. U. Shah and Habibullah. 2005, “Phytic acid and mineral content of different varieties of corn” *Sarhad*

J. Agric. **21**: 751-754.

3. Safia, A., I. A. Khattak, Naimat Ullah, F. Habib, M. Abbas, S. Khan, Z. Din and **Zafar Iqbal**. 2006 "Garlic and its importance in human nutrition". *PUTAJ. Science*, 13: 51-57.
4. Hussain, S. A., M. Sajid, N. Amin, S. Alam and **Zafar Iqbal**. 2006 "Response of Okra cultivars to different sowing time". *J. Agric. Bio. Sci.*, 1:55-59.
5. Remeza, H., Zafar Iqbal, m. Iqbal, S. Hanif, M. Rasheed. 2006 "Use of vegetable as nutritional food: Role in human health". *J. Agric. Bio. Sci.*, 1:18-22.
6. **Zafar Iqbal**, H. U. Shah, F.S Hamid, M. Iqbal and R. Hanif. 2006, "Minerals Soluble in Black Tea Brew During Infusion & Their Role in Human Health" *Sarhad J. Agric.*, **22**: 529-539.
7. Shah, H. U., U. L. Khan., S. Alam., A. A. Shad., **Zafar Iqbal** and S. Parveen. 2011. "Effect of home cooking on the retention of various nutrients in commonly consumed pulses in Pakistan" *Sarhad J. Agric.* 27 (2):279-284

Research Grants and Contracts

NA

Date

Title

Organization

Total award amount

Status

Research or creative Accomplishments

NA

Workshops/Trainings Organized

NA

**Conferences/Workshops/
Trainings/ Symposia Participated**

* Three months training course in "*Teaching & Research in Higher Education*" at Higher Education Commission, Islamabad, Pakistan (**June-September, 2005**).

* A 3- day training workshop "*Project Cycle Management & Logical Framework Approach*" arranged by European Commission- Asia Link Program at Karachi (**27- 29 November 2005**)

- * One day workshop on “*Logframe & Project Proposal Writing*” arranged by British Council Peshawar (**6th May 2006**)
- * *Chemistry and Biology of natural product conference III*, Bristol, UK (**20 June, 2007**)
- * *Chemistry and Biology of natural product conference IV*, Bristol, UK (**18 June, 2008**)
- * *RSC Bioorganic Group Postgraduate Meeting* at University of Bath UK (**31 July, 2008**)
- * *8th Bristol synthesis meeting*, Victoria Hall, University of Bristol (**15 April, 2008**)
- * *David Kelly Symposium*, Cardiff University (**04 Feb. 2009**)
- * *9th Bristol synthesis meeting*, Victoria Hall, University of Bristol (**31 March, 2009**)
- * *New Horizon in natural product chemistry* at University of Nottingham (**12 Nov. 008**)
- * *Pfizer poster competition*, University of Bristol, (**10 June, 2009**)
- * *Chemistry and Biology of natural product conference V*, Bristol (**17 June, 2009**)
- * *10th Bristol synthesis meeting*, Victoria Hall, University of Bristol (**13 April, 2010**)

Administrative & Academic Services

1. Research Advisor in the Department of Agricultural Chemistry
2. Member of Departmental Quality Assessment Team.
3. Member, Departmental Discipline Committee Agric. Chemistry.