



ANNOUNCEMENT

36th

**PAKISTAN CONGRESS OF ZOOLOGY
(INTERNATIONAL)**

February 16 -18, **2016**



to be held at

Department of Zoology, University of Sindh, Jamshoro



GENERAL INFORMATION

The President of Zoological Society of Pakistan and the Congress Organizing Committee cordially invite the Fellows/Members of the Society and all other scientists interested in various disciplines of Zoological Sciences to take part in the 36th Pakistan Congress of Zoology to be held at the Department of Zoology, University of Sindh, Jamshoro from **February 16-18, 2016**.

SCIENTIFIC PROGRAMME

The scientific programme will consist of plenary lectures and oral presentations. Theme of the Congress will cover all the major areas of Zoology and related disciplines e.g. Entomology and Pest Management; Cell Biology, Molecular Biology, Bioinformatics, Environmental Biotechnology, Bioremediation, Genetics, Toxicology, Parasitology; Microbiology, Physiology; Palaeontology, Environmental Biology, Wild Life Conservation; Fisheries, Freshwater Biology and Marine Biology.

Fifteen minutes will be allowed for presentation of paper and discussion. Multimedia and 2x2 will be available.

The participants are reminded that one author can submit only one abstract as a first author, which he/she will present during academic sessions.

**Last date for the receipt of registration forms
and abstracts of papers is 1st January 2016.**

ABSTRACTS

The participants are requested to submit abstracts of their research papers at email address arshaksbs@yahoo.com OR arshakoori.sbs@pu.edu.pk. The abstracts should include a brief introduction, methods used, main results and conclusions. References and figures should not be included in the Abstracts. Please do not forget including your addresses.

POSTER SESSION

Poster session, as usual, has been arranged specially for the younger scientists. A committee will review the posters and adjudge the first, second and third best posters. The authors of these posters will be given a small cash prize along with an appreciation certificates at the Closing Ceremony.

Participants desirous of presenting posters must, however, register themselves for the congress and submit a short summary by January 1, 2016.

DEPARTMENT OF ZOOLOGY

The host Department of Zoology, University of Sindh, Jamshoro was established in 1956 at Old campus, University of Sindh, Hyderabad. It was shifted to the Allama I.I. Kazi Campus, Jamshoro, in 1961. Since its inception, the Department has been running 3-year B.Sc. (Hons.) and two year M.Sc. degree programs. Zoology Department in the University of Sindh was the first to introduce a BS 4-year Program in 2000. It has been disseminating specialized knowledge in the following five fields; Endocrinology, Entomology, Genetics, Parasitology, and Vertebrate Biology. The Department also offers M. Phil/ MS and Ph. D degree programmes in these specialized fields. It has so far produced 30 Ph.Ds and approximately 70 M. Phil/ MS since its inception. Present enrolment in the Department is about 1000 students, including M. Phil / MS and Ph. D students. The Department has one of the most highly trained Faculty of Zoology comprising 2 Meritorious Professor, 3 Professors, 8 Assistant Professors and 3 Lecturers; out of which eleven are Ph.Ds. Almost all disciplines of Zoological Sciences are represented and syllabi are regularly updated. Audio visual aids are used to improve teaching methods to meet contemporary needs of research. The Department also boasts of an extensive Seminar Library holding a total of 4000 books (from old valuable editions to latest editions covering all aspects of zoology) and research journals related to different specialized fields. The BS, MS / M. Phil and Ph.D students conduct research work as mandatory requirement for the fulfillment of their respective degrees.

GOLD MEDALS FOR STUDENTS

- The 23rd **Mujib Memorial Gold Medal** will be awarded to a student of Karachi University, standing first in the recent M.Sc. Zoology examination, with specialization in Parasitology.
- The 23rd **Muzaffer Ahmad Gold Medal** will be awarded to a student of the Punjab University, standing first in the recent M.Sc. Zoology examination.
- The ninetieth **Muhammad Afzal Hussain Qadri Memorial Gold Medal** will be awarded to M.Sc. Zoology student of University of Karachi securing first position.
- The sixteenth **M.A.H. Qadri Memorial Gold Medal** will be awarded to a student of Karachi University, securing Ph.D. Zoology degree in Parasitology.
- The eleventh **Ahmed Mohiuddin Memorial Gold Medal** will be awarded to a student of University of Sindh, Jamshoro, standing first in the recent M.Sc. Zoology examination.
- The twelfth **Prof. Dr. S.N.H. Naqvi Gold Medal** will be awarded to successful Ph.D. Zoology specializing in the field of Toxicology from University of Karachi.
- The eighth **Afsar Mian Gold Medal** will be awarded to a student of University of Arid Agriculture, Rawalpindi standing first in the recent M.Sc. Zoology examination.
- The third **Prof. Dr. S.S. Akbar Memorial Gold Medal** will be awarded to M.Sc. Zoology (Entomology) student of Sindh University, Jamshoro securing first position.

These medals will be conferred during the inaugural session of the Congress.

ZOOLOGIST OF THE YEAR AWARD 2016

The Zoological Society of Pakistan honours its Fellows for their scientific contributions to the discipline of Zoology. A committee specially constituted for this purpose will this year select an outstanding Zoologist out of the nominees. Award giving ceremony will be held during the inaugural session of 36th Pakistan Congress of Zoology. Citation of the award will also be read before conferring the medal alongwith a commendation certificate and a token cash award..

PROF. A.R. SHAKOORI GOLD MEDAL

The twelfth **Professor A.R. Shakoori Gold Medal** will be given to a young researcher upto the age of 45 in any area of Biological Sciences. A specially constituted committee will scrutinize the applications received in response to an advertisement. The medal will be conferred during the inaugural session of 36th Pakistan Congress of Zoology.

PROF. DR. MIRZA AZHAR BEG GOLD MEDAL

The thirteenth **Prof. Dr. Mirza Azhar Beg Gold Medal** will be given to a young researcher upto the age of 45 in Ecology / Wildlife / Vertebrate Pest Management / Taxonomy / Fisheries. A specially constituted committee will scrutinize the applications received in response to an advertisement. The medal will be conferred during the inaugural session of 36th Pakistan Congress of Zoology.

PROF. IMTIAZ AHMED GOLD MEDAL

The second **Prof. Dr. Imtiaz Ahmed Gold Medal** will be given to researcher in the field of Entomological Sciences. A specially constituted committee will scrutinize the applications received in response to an advertisement. The medal will be conferred during the inaugural session of 36th Pakistan Congress of Zoology .

PROF. DR. NASIMA M. TIRMIZI GOLD MEDAL

The ninth **Prof. Dr. Nasima M. Tirmizi Gold Medal** will be given to a researcher in the field of Marine Sciences. A specially constituted committee will scrutinize the applications received in response to an advertisement. The medal will be conferred during the inaugural session of 36th Pakistan Congress of Zoology.

ACCOMMODATION

Accommodation will be available on payment basis. Please contact Prof. Dr. Nasreen Memon (Cell 03332625977; email: zoocongress2016@gmail.com) to enquire and register for the category of accommodation (student accommodation, Researcher's accommodation and senior Faculty accommodation) and their rates.

The participants are requested to register for accommodation well in time. They should also inform the secretariat at Jamshoro about the details of their arrival in Karachi/Jamshoro, so that proper arrangements for their transport from the Railway Station/Air Port/Bus Terminals to Jamshoro Campus could be made.

MEALS

The participants will make their own arrangements for breakfast during the Congress days. They may also have to pay for the meals (lunches & dinners) if these are not sponsored.

INSTRUCTIONS FOR POSTER PRESENTATIONS

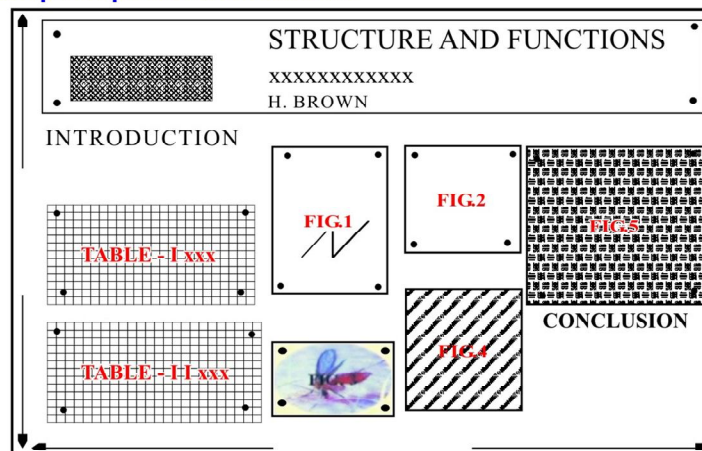
Abstracts scheduled for presentation in poster sessions will be grouped by topic, numbered and listed in the programme, and published in the abstract book in the usual manner. In addition, programme listings will specify time when your colleagues may expect you to be at your assigned space to discuss your work.

Mount posters on your assigned board in the morning of February 15, 2016, *i.e.* one day before the scientific sessions of the Congress. Posters should be in place during the full congress period.

The poster board surface is 3'8" high and 5'6" wide. Prepare the top of your poster space with a label indicating its title and authors. The lettering for this section should not be less than 1" high. A copy of your abstract typed in large font, should be posted in the upper left-hand corner of the poster board.

All illustrations should be made before hand. Keep in mind that your illustrations must be read by interested scientists from distances of about 3' or more. Charts, drawings and illustrations might well be similar to those you would otherwise use in making slides; preferably cruder and more heavily drawn. They need not, in fact should not, be "arty." Simple use of color can add emphasis effectively. Do not mount them on heavy board because these may be difficult to keep in position on the poster boards. Hand lettered material should contain appropriately heavy lettering at least 3/8" high. Shade block letters where possible. Typed material should be typed on a Bulletin (large type) typewriter, if possible. Keep illustrative material simple.

Bring your own push-pins or thumbtacks.



CONGRESS EXECUTIVE COMMITTEE

Prof. Dr. Syed Shahid Ali
Prof. Dr. Javed Iqbal Qazi

Dr. Abdul Rehman
Dr. Zulfiqar Ali Saqib

CONGRESS ORGANIZING COMMITTEE

Prof. Dr. A.R. Shakoori
Prof. Dr. Muzaffer Ahmad
Mr. Abdul Aziz Khan
Prof. Dr. Syed Shahid Ali
Prof. Dr. Javed Iqbal Qazi
Prof. Syed Akram Shah
Prof. Nasreen Memon
Prof. Dr. Shamsuddin Shaikh
Prof. Dr. M. Akhtar
Prof. Dr. Mushtaq A. Saleem
Dr. Farah Rauf Shakoori
Dr. Abdul Rehman
Dr. Zulfiqar Ali Saqib

Dr. Abdul Aleem Chaudhary
Dr. Manzoor Soomro
Dr. Bushra Munir
Dr. Ali Muhammad Yousafzai
Prof. Imtiaz Ahmad
Prof. Dr. Afsar Mian
Prof. Dr. M. Afzal Kazmi
Prof. Dr. M. Arslan
Prof. Dr. M.H. Qazi
Dr. M. Afzal
Dr. Abid Farid
Dr. Rubina Mushtaq
Dr. Asmatullah Kakar

Prof. Dr. Gary S. Stein, USA
Dr. Peter Wynn, Australia
Dr. Gao Xingyi, China
Prof. Dr. Shamshad H. Gilani, USA
Prof. Dr. Nasiruddin, Pakistan
Dr. Andre van Wijnen, USA
Prof. Dr. Daniel Hoessli, Switzerland
Dr. Amjad Javed, Alabama, USA
Dr. Paolo Madoni, Italy
Dr. George Iliopoulos, Greece

LOCAL ORGANIZING COMMITTEE

PATRON IN CHIEF

Prof. Dr. Abida Taherani
(Vice-Chancellor, Chief Organizer)

Patron: Prof. Dr. Abdul Rasool Abbasi, Dean, Faculty of Natural Sciences
Focal Person & Secretary: Prof. Dr. Nasreen Memon, Chairperson, Department of Zoology
Coordinator accommodation: Prof. Dr. Ghulam Sarwar Gachal, Department of Zoology

Prof. Dr. Naheed Baloch
Prof. Dr. Tahira Jabeen
Prof. Dr. Ayaz Qadri
Dr. Riffat Sultana
Mr. Nadir Ali Shah
Mrs. Samina Malik
Dr. Syma Naz

Dr. Barkat Bhughio
Dr. Sanjota Bai
Dr. Mansoor Ali Shah
Dr. Nadir Ali Birmani
Ms. Farheen Shaikh
Mrs. Nosheen Jehajo
Mrs. Naheed Shah

Dr. Abdul Rehman
Dr. Zulfiqar Ali Saqib
Mr. Amjad Ali
Mr. Haider Ali
Mr. Qadeer Ahmad

UNIVERSITY OF SINDH

The University of Sindh is the oldest University of the country, established in 1947 under the University of Sindh Act. No XVII, by the then Legislative Assembly of Sindh. From 1947 to 1951 the University functioned solely as an examining body. However, after its relocation to Hyderabad (1951), it started functioning as a teaching University in accordance with its charter and mission to disseminate knowledge. The first teaching department was Department of Education. By the mid-1950s, some other departments of Science and Humanities were established in the old campus (Hyderabad) including Botany, Chemistry, Geology, Physics, Zoology and etc. The development of the present campus (Allama I.I. Kazi Campus) began in the late 1950s by its namesake, late Allama I.I. Kazi, in Jamshoro, 17 kilometers from Hyderabad city. It expands over an area of more than 10,000 acres including the residential society of teachers and staff. Currently there are 57 teaching institutes/centers/departments that are functioning under various academic Faculties; Natural Sciences Social Sciences, Arts, Education, Islamic Studies, Commerce & Business Administration and Pharmacy. The University has also established additional seven campuses at Badin, Mirpurkhas, Dadu, Thatta, Larkana, Bhitshah and Noshehro feroz to make higher education more accessible to students in remote areas. The University of Sindh has affiliations with over 74 Graduate & Post Graduate Public Sector Colleges, 16 Private colleges and 5 Law Colleges. Not only BS 4 yrs and Masters are taught at the University but research guidance to the M. Phil/ MS and Ph.D. programs in all subjects is also provided resulting in the production of a significant number of research scholars every year. University of Sindh also offers evening programs in different disciplines at graduate and post graduate level.

SECRETARIAT

Prof. Dr. Nasreen Memon

Chairperson, Department of Zoology, University of Sindh, Jamshoro 76080
Phone: Off: 0229213218 (2060), Cell: 03332625977
E-mail: zoocongress2016@gmail.com

Prof. Dr. Naheed Baloch, Prof. Dr. Tahira Jabeen, Prof. Dr. Ayaz Qadri,
Dr. Riffat Sultana, Dr. Syma Naz, Dr. Mansoor Ali Shah

Contact numbers for information: 03003449011, 03332725513

Please return the Registration Form along with the Registration fee and Abstract(s) by 1st January 2016 to:

Prof. Dr. A.R. Shakoori

Distinguished National Professor & Director
School of Biological Sciences
University of the Punjab, Lahore-54590
Phone: 92-42-99230133 - Fax: 92-42-99230980
E-mail: arshaksbs@yahoo.com; arshakoori.sbs@pu.edu.pk

Important Phone Numbers at ZSP Office, Lahore

Prof. Dr. S. Shahid Ali : 0320-4001990 ; Prof. Dr. Javed I. Qazi : 0333-4344830
Dr. Abdul Rehman : 0306-4118045 ; Dr. Zulfiqar Ali Saqib : 0333-4252693
Mr. Haider Ali : 0346-4335813 ; Mr. Amjad Ali : 0300-4291758

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**REGISTRATION FORM
FOR FOREIGN PARTICIPANTS**

I wish to register for the 36th Pakistan Congress of Zoology. A **Bank Draft**, in favour of Treasurer, Pakistan Congress of Zoology for US \$ 500/- as registration fee, is enclosed.

1. Name _____
2. Position _____
3. Institute _____
4. Name(s) of accompanying members (Give age, if under 12 years) _____

5. Address _____

6. Phones: Res: _____ Off: _____
7. E-mail: _____
8. The rates of registration are as follows. Please check appropriate box
Participant US \$ 500 []
Spouse US \$ 250 []

I remit the total amount of US \$ _____ by Draft (No: _____) to Treasurer, Pakistan Congress of Zoology, Department of Zoology, University of the Punjab, New Campus, Lahore. (PLEASE ADD US \$ 10/- TO THE TOTAL AMOUNT, IN CASE YOU DECIDE TO WRITE A CHEQUE).

9. Title of paper _____

10. Subject Classification _____
(Please see the major disciplines of Zoology listed under scientific programme).
11. Would you make your own arrangement for stay during the Congress?
Yes [] No []

Signed: _____ Dated: _____

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REGISTRATION FORM

FOR LOCAL PARTICIPANTS

I wish to register for the 36th Pakistan Congress of Zoology. A **BANK DRAFT**, in favour of Treasurer, Pakistan Congress of Zoology for Rs. _____ as registration fee, is enclosed.

1. Name _____
2. Position _____
3. Institute _____
4. Name(s) of accompanying members (Give age, if under 12 years) _____

5. Address _____

6. Phones: Res: _____ Off: _____

7. E-mail: _____

8. **The rates of registration are as follows. Please check appropriate box**

ZSP Life Fellows and Fellows	Rs. 3000	[]
Non-Fellows	Rs. 3500	[]
Students (B.Sc. Hons, M.Sc., M.Phil, Ph.D.)	Rs. 2500	[]
Spouse or accompanying person	Rs. 2500	[]
Certificate of Congress participation fee	Rs. 100	[]
Certificate for oral presentation fee	Rs. 100	[]
Certificate for active participation	Rs. 100	[]

I remit the an amount of Rs. _____ by **DRAFT (NO: _____)** to Treasurer, Pakistan Congress of Zoology, Department of Zoology, University of the Punjab, New Campus, Lahore. **(PLEASE ADD RS. 350/- TO THE TOTAL AMOUNT, IN CASE YOU DECIDE TO WRITE A CHEQUE).**

9. Title of paper _____

10. Subject Classification _____
(Please see the major disciplines of Zoology listed under scientific programme).
11. Would you make your own arrangement for stay during the Congress?
Yes [] No []

Signed: _____

Dated: _____