



**ANNOUNCEMENT**

# 35<sup>th</sup> PAKISTAN CONGRESS OF ZOOLOGY (INTERNATIONAL)

March 1 - 4, **2015**



*to be held at*  
Centre of Excellence in Marine Biology,  
University of Karachi, Karachi



## **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 35<sup>th</sup> Pakistan Congress of Zoology to be held at the Centre of Excellence in Marine Biology, University of the Karachi, Karachi from **March 1-4, 2015**.

## **INAUGURAL SESSION**

**Inaugural session of the Congress will be held on 1st March 2015 at 5:30 PM and will be followed by Reception Dinner. The academic session will start from 2nd March 2015 at 9:00 AM with plenary lectures. This will be followed by paper presentation sessions, which will continue till 4th March 2015. The closing Ceremony will be held at the end of last academic session.**

## **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 January 15, 2015.**

## **ABSTRACTS**

The participants are requested to submit two copies of abstracts of their research papers. The abstracts should include a brief introduction, methods used, main results and conclusions. References should not be included in the Abstracts.

## **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 appreciation certificates the Closing Ceremony. Participants desirous of presenting poster must, however, register themselves for the congress and submit a short summary by February 1st, 2015.

## **CENTRE OF EXCELLENCE IN MARINE BIOLOGY (CEMB)**

The Centre of Excellence in Marine Biology was established as Department of Marine Biology in 1969. In 1973, it was given the status of Institute of Marine Biology. Later in 1975 the Federal Government elevated its status as Centre of Excellence in Marine Biology under the Centre of Excellence Act, 1974. The CEMB is financially supported by Ministry of Education training and standards in Higher Education, through the Higher Education Commission, Pakistan. Academically CEMB is affiliated with the University of Karachi. It is engaged in goal oriented teaching and research and as a result has produced trained and qualified manpower for national and international organizations and agencies. More than 90 research articles, 20 research projects, international linkages, 17 M.Phil, and 10 Ph.D. are to the credit of CEMB during the past 5 years. CEMB is the only institution in Pakistan, which offers degrees in Marine Biology at M.Phil. and Ph.D. levels. Currently 33 M.Phil. and 9 Ph.D. students are working at the Centre in the disciplines of Fisheries, Aquaculture (fish & crab), Environment, Planktons (phyto- and zooplankton), Malacology etc.



### **GOLD MEDALS FOR STUDENTS**

- The twentieth **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 twentieth **Muzaffer Ahmad Gold Medal** will be awarded to a student of the Punjab University, standing first in the recent M.Sc. Zoology examination.
- The eighteenth **Muhammad Afzal Hussain Qadri Memorial Gold Medal** will be awarded to M.Sc. Zoology student of University of Karachi securing first position.
- The fifteenth **M.A.H. Qadri Memorial Gold Medal** will be awarded to a student of Karachi University, securing Ph.D. Zoology degree in Parasitology.
- The tenth **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 eleventh **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 seventh **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 second **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 2015**

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 35<sup>th</sup> Pakistan Congress of Zoology. Citation of the award will also be read before conferring the medal alongwith a commendation certificate.

### **PROF. A.R. SHAKOORI GOLD MEDAL**

The eleventh **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 35<sup>th</sup> Pakistan Congress of Zoology.

### **PROF. DR. MIRZA AZHAR BEG GOLD MEDAL**

The twelfth **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 35<sup>rd</sup> Pakistan Congress of Zoology.

### **PROF. IMTIAZ AHMAD GOLD MEDAL**

The second **Prof. Dr. Imtiaz Ahmed Gold Medal** will be given to researcher in the field of Entomology. A specially constituted committee will scrutinize the applications received in response to an advertisement. The medal will be conferred during the inaugural session of 35<sup>th</sup> Pakistan Congress of Zoology .

### **PROF. DR. NASIMA M. TIRMIZI GOLD MEDAL**

The eighth **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 35<sup>th</sup> Pakistan Congress of Zoology.

## ACCOMMODATION

The participants requesting for accommodation should inform the secretariat well in time. All participants should inform the details of their arrival in Karachi well in time, so that arrangements for their transport from the Railway Station/Air Port/Bus Terminals could be made.

The participants may have to pay for meals if they are not sponsored.

## INSTRUCTIONS FOR POSTER PRESENTATIONS

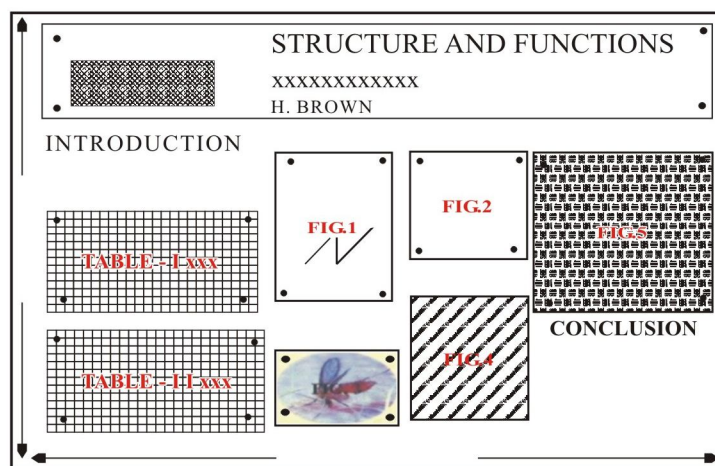
Abstracts scheduled for presentation in poster sessions will be grouped by topic, numbered and listed in the programme, and published in the abstract book in the usual manner. In addition, programme listings will specify time when your colleagues may expect you to be at your assigned space to discuss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

Mount posters on your assigned board in the morning of March 1st, 2015, *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.**



Sample of poster showing arrangement of various sections

## 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

**Dr. Muhammad Qaiser**  
(Vice-Chancellor, Chief Organizer)

**Patron:**

**Focal Person:**

**Secretary:**

**Finance Secretary:**

Prof. Dr. Abid Azhar, Dean, Faculty of Science, University of Karachi  
Prof. Dr. Pirzada Jamal Siddiqui, Director, Centre of Excellence in Marine Biology  
Prof. Dr. Shahina Fayyaz, Director, National Nematological Research Centre  
Dr. Munawwer Rasheed, Centre of Excellence in Marine Biology

Dr. Ansar Rizvi  
Dr. Aqeel Ahmed  
Dr. Ehsan Elahi Valeem  
Dr. Faiz Muhammad  
Dr. Ghazala Siddiqui  
Dr. Ghulam Abbas  
Dr. Jameel Kazmi  
Dr. Majid Mumtaz  
Dr. Moazzam Ali Khan  
Dr. Nafisa Shoaib  
Dr. Noorun Nisa  
Dr. Noor-us-Seher  
Dr. Nuzhat Afsar

Dr. Rashida Qari  
Dr. Saleem Shehzad  
Dr. Seema Shafique  
Dr. Shahnaz Rashid  
Dr. Shakeel Farooqui  
Dr. Shakeel Khan  
Dr. Sher Khan Panhwar  
Dr. Shoaib Kiani  
Dr. Sumera Farooq  
Dr. Tariq Masood Khan  
Dr. Zafar Farooqui  
Dr. Zarrien Ayub

Mr. Adeel Inam  
Mr. Amjad Ali  
Ms. Furqana Chaghtai  
Mr. Naveeda Hashmi  
Ms. Safia Khanum  
Ms. Zaib-un-Nisa Burhan  
Dr. Abdul Rehman  
Dr. Zulfiqar Ali Saqib  
Mr. Haider Ali



## UNIVERSITY OF KARACHI

The University of Karachi was established under the Karachi University Act in June 1951. On 29 October 1951, University started in five evacuee buildings, located in a very congested business hub of city. Prof. A.B.A. Haleem was appointed as its first Vice Chancellor.

In the first academic year only four departments; Philosophy, Geography, Mathematics, and Zoology were established. During the time span of two years (1953-54), 13 new departments were established. On 18th January 1960 University of Karachi got shifted in its present place measuring 1297 acres on the Country Club Road now known as University Road, only 12 kilometers away from the city center of Karachi.

University of Karachi is Pakistan's largest university, ranked number one by Higher Education Commission of Pakistan. The University claims to have more than 25,000 regular students in 57 departments under 7 faculties, 17 research institutes and about 145 affiliated colleges. The university caters to the teaching requirement of 18 million population of the city through more than 700 teachers and 1700 supporting staff. University also arranges examination, result and degrees of about 250,000 students other than those studying at the campus.

Karachi, The City of Quaid, is the largest, most populous city of Pakistan. The city is a hub of financial and trade activity. It is renowned for higher education not only in Pakistan but also in South Asia and Muslim world. Karachi is the region's largest and busiest port, located on the Arabian Sea coastline. It has an arid climate with low precipitation. Winters are mild and dry but pleasant while the summers are warm and humid but tolerable.

The city is a collection of buildings of varied architectural styles. Old city areas like Zaibunnisa Street, Empress Market are filled with Italianate, anglo- and Indo-Saracenic styles, Hindu Gymkhana, Jahangir Kothari Parade and Mohatta Palace are examples of Mughal revival, while Creek Marina, storied flyovers, and I. I. Chundrigar Road, with tallest skylines in Pakistan, are representatives of modern contemporary structures. It is truly 'Uroos ul Bilaad' (The Bride of the Cities) and the 'City of Lights'.

## SECRETARIAT

**Prof. Dr. Pirzada Jamal Siddiqui**

Director, Centre of Excellence in Marine Biology, University of Karachi, Karachi-75270

Phone: Off: 021-99261551, 021-99261397, Cell: 0300-2581121

Dr. Zarrien Ayub: 0302-2011640

Dr. Ghazala Siddiqui: 0345-2250409 and Dr. Munawwer Rasheed: 0300-2317166

e-mail: zoo.congress2015@gmail.com

**Please return the Registration Form along with the Registration fee and Abstract(s) by 15 January 2015 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 Phones 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 LOCAL PARTICIPANTS**

I wish to register for the 35<sup>th</sup> 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. 2500	[ ]
Non-Fellows and Ph.D. Students	Rs. 3000	[ ]
Students (B.Sc. Hons, M.Sc., M.Phil)	Rs. 2000	[ ]
Spouse or accompanying person	Rs. 2000	[ ]
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: \_\_\_\_\_

\*If you are interested in getting attractive certificate for participation in the 35<sup>th</sup> Congress, you may include an amount of Rs. 100/- as Congress participation certificate fee in the Congress Registration Fee. The certificate will be handed over during the Congress.

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**REGISTRATION FORM  
FOR FOREIGN PARTICIPANTS**

I wish to register for the 35<sup>th</sup> 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: \_\_\_\_\_



