



# World Statistics Day 2015

Better data. Better lives.

On the Occasion of World Statistics Day



Department of Community Medicine  
Himalayan Institute of Medical Sciences  
Swami Rama Himalayan University  
Launches

1<sup>st</sup> Annual Symposium on Clinical Biostatistics

On

**20<sup>th</sup> October 2015**

Under the theme of

**Application Bio-Statistical Methods for Epidemiological Study Design**

Funded by

Indian Council of Medical Research



Organizing Chairperson  
**Dr. Jayanti Semwal**  
Professor & Head  
Department of Community Medicine  
Himalayan Institute of Medical Sciences

Organizing secretary  
**Shubham Pandey**  
Assistant Professor of Statistics  
Department of Community Medicine  
Himalayan Institute of Medical Sciences

### **About The University**

The 'Swami Rama Himalayan University' has been established with an objective to provide for teaching, training and research in medical sciences, dental sciences, nursing, pharmacy, paramedical and allied health sciences, science, engineering & technology, biotechnology, yoga sciences, management.

### **About The Institute**

The various departments of the University have adequate teaching faculty as per their statutory governing bodies. Experienced faculty members, proficient teachers and clinicians provide quality education. The Himalayan Hospital is a 750 bedded multi-specialty hospital established in 1994. The Hospital is providing routine as well as super specialty services at an affordable cost. HIMS has an environment oriented towards "learning". We pride ourselves in having the most competent faculty from the best medical colleges of India and abroad with academic and professional excellency.

### **About The Department**

The Department of Community Medicine has state-of-the-art facilities for the training of undergraduate and postgraduate students. The department has been involved in planning, implementation, monitoring and evaluation of health programs and activities in the local community. We aim to produce high quality public health professionals and community physicians. The department is consistently working towards discovery of new knowledge in domain of public health, advocacy for application of new ideas in health care of populations. The department also provides consultancy services to postgraduate students for the design, data management analysis and report writing of undertaken research.

### **About The Symposium**

The Annual symposium on Clinical Bio-Statistics 2015 is a scientific forum for national exchange of theory, methods and applications of biostatistics in medical research and practice. This symposium will enable the participant to

know the pre requisites for application of various statistical methods and to select the appropriate test for the study designs as well as interpretation. In addition, participant will learn about the boundaries of their competence with respect to analysis.

This symposium will focus on the main considerations in designing studies aimed at: describing & estimating the prevalence of health problems, identifying causes of health problems, or evaluating interventions. The main four types of epidemiological studies will be presented: cohort, case-control, cross-sectional and ecologic studies. The role of sampling error, bias and confounding on study conclusions will be discussed.

We will describe strategies for minimizing the impact of these three sources of errors at 1) the study design stage, 2) when conducting the study and 3) at the data analysis stage.

The symposium is intended for statisticians, clinicians and members of other disciplines, such as epidemiologists, clinical chemists and clinical pharmacologists, nursing & other paramedical staff, interested in the field of clinical biostatistics.

### **Contact Details**

#### **For Registration**

**Dr.A.K. Srivastava**  
Professor Community Medicine  
Himalayan Institute of Medical Sciences  
Email: cmebiostat@hims@gmail.com  
Mobile No: +919837338696

#### **For Additional Information**

**Shubham Pandey**  
Organizing secretary  
Assistant Professor  
Department of Community Medicine  
Himalayan Institute of Medical Sciences  
Swami Rama Himalayan University  
Email: shubhambio@hims@gmail.com  
Mobile No: +918400192344

### Schedule of symposium

**Day 1: 20<sup>th</sup> October 2015**

<b>8.00-8.30</b>	Registration
<b>8.30 - 09.00</b>	Inauguration
<b>09.00 – 11:00</b>	Basics of Epidemiological Study Design
<b>11.00 - 11.15</b>	<b>Tea Break</b>
<b>11.15 - 12.15</b>	Statistical Analysis in Cross Sectional Study Design
<b>12.15 - 13.15</b>	Statistical Analysis in Case Control Study Design
<b>13:15 - 14:00</b>	<b>Lunch Break</b>
<b>14.00 - 15.30</b>	Statistical Analysis in Cohort Study Design
<b>15.30 - 15.45</b>	<b>Tea Break</b>
<b>15.45 – 17:00</b>	Discussion
<b>17:00 -17:30</b>	Certificate distribution & Vote of Thanks

### Registration Fee:

<b>TYPE OF PARTICIPATION</b>	<b>EARLY BIRD (Before 10/10/2015)</b>	<b>After 10/10/2015</b>
Students (UG/PG)	500/-	700/-
Research Scholars(Ph.D., Junior Resident, Senior Resident)	700/-	900/-
Faculty & Others	800/-	1000/-

\* (Lunch, snacks and tea will be provided)

### Organising Committee

#### Patron:

- Dr. Vijay Dhasmana

#### Co Patron:

- Dr. Vijendra D. Chauhan
- Dr. S.L.Jethani
- Dr. D.C. Dhasmana
- Dr. J.P. Sharma

#### Advisors:

- Dr. S. D. Kandpal
- Dr. Debabrata Roy
- Dr. Ashok Kr. Srivastava
- Dr. Rakesh Kakkar
- Dr. Ruchi Juyal
- Dr. Pradeep Aggarwal
- Dr. Shaili Vyas
- Dr. Deep Shikha
- Dr. Satpal Singh
- Dr. Amit Kumar
- Dr. Madhavi. Bhargava

### Invited Speakers

#### **Dr. Ratan K. Srivastava**

Professor  
Department of Community Medicine  
Institute of Medical Sciences  
Banaras Hindu University, Varanasi

#### **Dr. R.M. Pandey**

Professor & Head  
Department Of Bio Statistics  
All India Institute of Medical Sciences, New Delhi

#### **Dr. T.B. Singh**

Professor & In-charge  
Division of Bio Statistics  
Institute of Medical Sciences  
Banaras Hindu University, Varanasi

**Dr. A.K. Srivastava**  
Professor Community Medicine  
Himalayan Institute of Medical Sciences  
Email: cmebiostathims@gmail.com  
Mobile No: +919837338696