

## Instructor



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Bstats, MSstats, PhdStats

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## Registration Details



To register for the workshop(s), please access to this online registration website:

<http://itumed.nus.edu.sg/psu/registration/index.aspx>

### Fees (GST inclusive)

SPSS Basics & Research Methodologies Workshop (9 & 10 January 2012)	S\$214
Basic & Intermediate Biostatistics Workshop (16 & 17 January 2012)	S\$321
SPSS Basics & Research Methodologies Workshop (9 & 10 January 2012) AND Basic & Intermediate Biostatistics Workshop (16 & 17 January 2012)	S\$535

### Deadline

23 December 2011, Friday

*(Please register early as only a limited number of places are available for each workshop. Registration is on a first-come-first-served basis, and confirmed upon receipt of payment.)*

### Contacts

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### Cancellation Policy:

Any cancellation or replacement must be conveyed to the Secretariat in writing. There will be no fee refund for any cancellation notice received after 23 December 2011.

The Organiser reserves the right to cancel the workshop and fully refund the participants should unforeseen circumstances necessitate it.

Information is subject to revision without notice and correct at time of print (November 2011).

## 2 WORKSHOPS

Workshop 1:

### **SPSS Basics & Research Methodologies**

9 & 10 January 2012  
Monday & Tuesday  
9am – 5pm

Workshop 2:

### **Basic & Intermediate Biostatistics**

16 & 17 January 2012  
Monday & Tuesday  
9am – 5pm

Saw Swee Hock School of Public Health  
National University of Singapore  
Block MD3, EPH Computer Lab, Level 2  
16 Medical Drive  
Singapore 117597

**Organised By:**  
NUHS Medical Publications Support Unit

CME/CPE/CNE points are in process of accreditation

## Objectives

- Refresh on the concepts on basic clinical research methodology and basic statistical theory of estimation & hypothesis testing
- Understand the effects of sample size on clinical results and sample size calculations methodology
- Set up a database in SPSS, perform simple manipulations on the data, create charts and simple descriptive statistics

## Programme

	SPSS BASICS & RESEARCH METHODOLOGIES	
	Day 1 : SPSS Basics	Day 2 : Research Methodologies
8.30am	<i>Registration</i>	<i>Registration</i>
9.00am	Database Setup Using SPSS	Form Design
10.00am	<i>Break</i>	<i>Break</i>
10.30am	- Data Cleaning & Integrity - Importing Files from Excel/Access - Merging Files - Graphs	Research Methodologies: - Clinical Trials - Epidemiology Studies
12.00pm	<i>Lunch</i>	<i>Lunch</i>
1.00pm	- Computing, Recoding - Syntax Files	Sample Size Calculations
3.00pm	<i>Break</i>	<i>Break</i>
3.30pm	Exercises	Exercises
5.00pm	<i>End</i>	<i>End</i>

- Each participant will be assigned to a PC

## Objectives

- Understand the statistical concepts for the various methods of statistical analysis for different outcome measures
- Understand the theory of setting up statistical models for different outcome measures

## Prerequisite

Should have encountered/used SPSS software in the course of work.

## Programme

	BASIC & INTERMEDIATE BIOSTATISTICS	
	Day 1 : Basic	Day 2 : Intermediate
8.30am	<i>Registration</i>	<i>Registration</i>
9.00am	Data Descriptive	Correlation / Agreement
10.00am	<i>Break</i>	<i>Break</i>
10.30am	Univariate Quantitative Analysis: - Parametric vs Non-parametric	Regression Analysis: - Linear / Logistic
12.00pm	<i>Lunch</i>	<i>Lunch</i>
1.00pm	Univariate Qualitative Analysis: - Chi-square / Fisher's Exact Test - Odds Ratios / Relative Risk - McNemar Test	Kaplan Meier / Cox Regression
3.00pm	<i>Break</i>	<i>Break</i>
3.30pm	Exercises	Exercises
5.00pm	<i>End</i>	<i>End</i>

- Each participant will be assigned to a PC