

# GEK1900 Wrap-up

# Outline

- Sample of public health issues and approaches
- What is Public Health?
  - Prevention vs clinical care
  - Public Health Approach and the Socio-ecological model
- Peer review
- Groups and group work: Rationale
- Module feedback
- Want to learn more about Public Health?
- Individual Assignment 2

# Sample of public health issues and approaches

- Nutrition, CVD and Diabetes
- Occupational Health, risk assessment
- Healthcare financing
- Health Services Research: Quality Improvement
- TB management, socio political influences in Russia
- Climate change and effects on health
- Breast cancer, risk factors and screening
- Genetics and health and disease
- Aging and healthcare policy changes
- Infectious diseases in Singapore

# What is Public Health?



Public Health is the  
**science and art of  
preventing disease,  
prolonging life, and  
promoting physical health  
and efficiency through  
organized community  
efforts**

1923 Yale University, SPH: Prof C.E.A. Winslow

# HEALTH AND DISEASE CONTINUUM

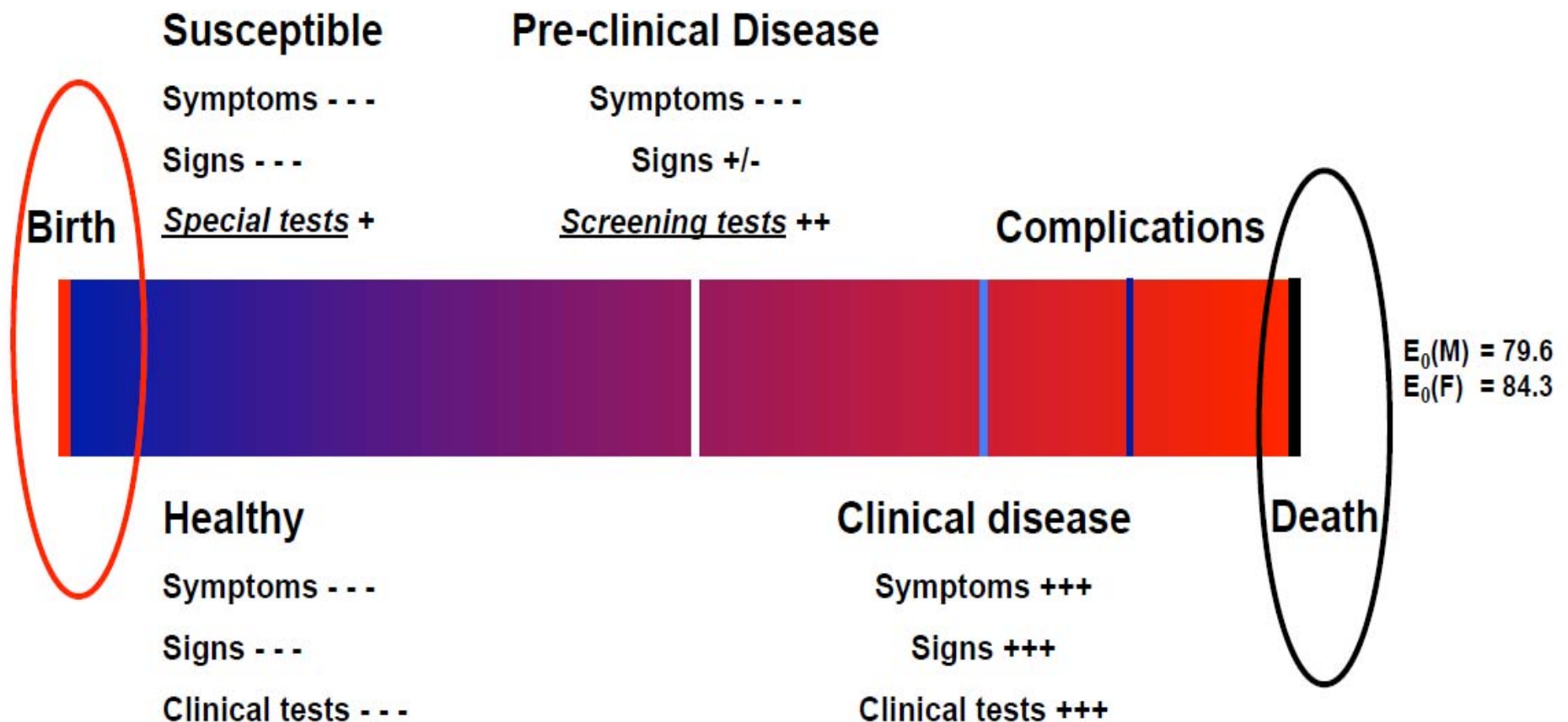
When am I sick?

“Can I feel and see it?”

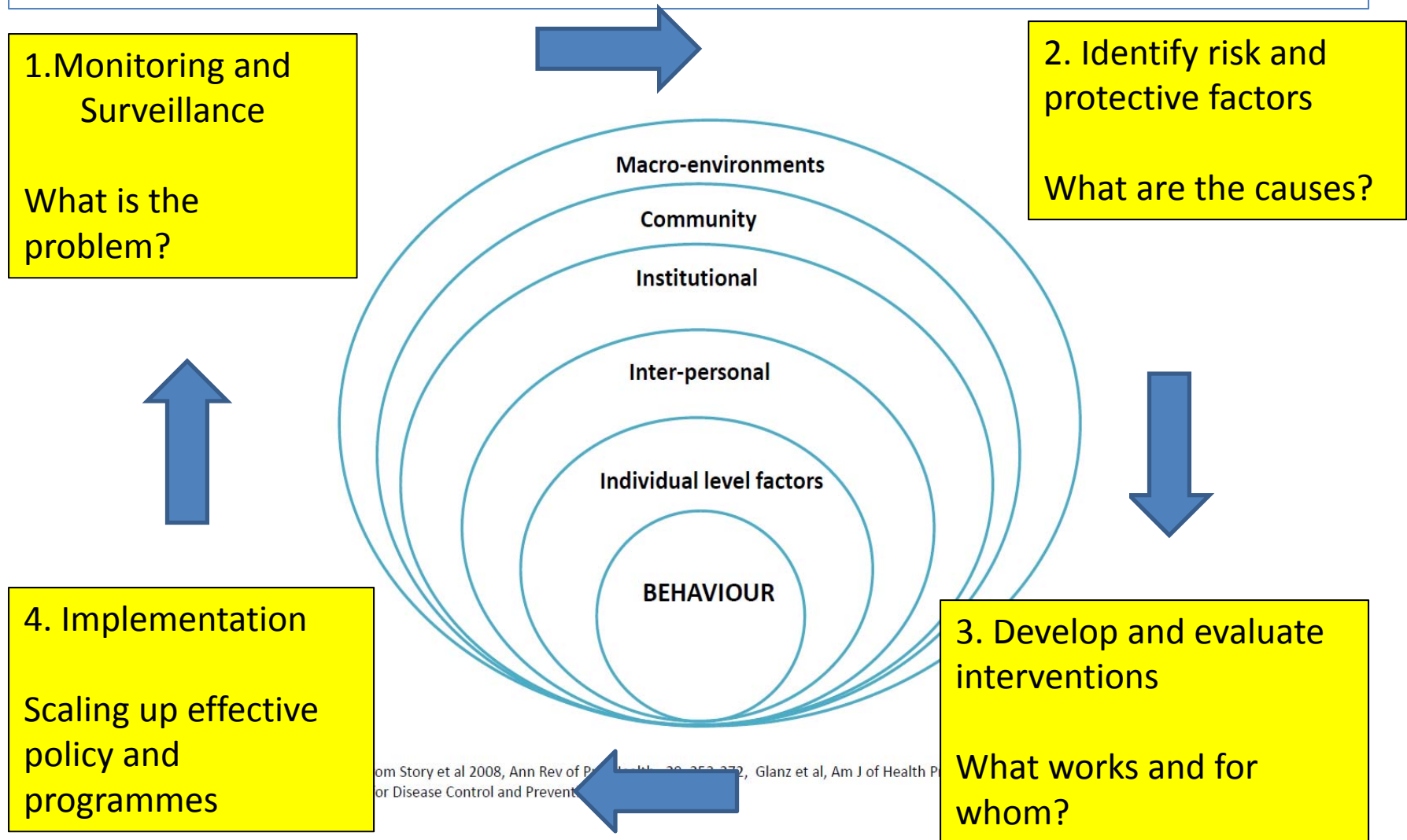
Symptoms and signs +

“Can I measure it?”

Symptoms and signs -, tests +



# Public Health Approach



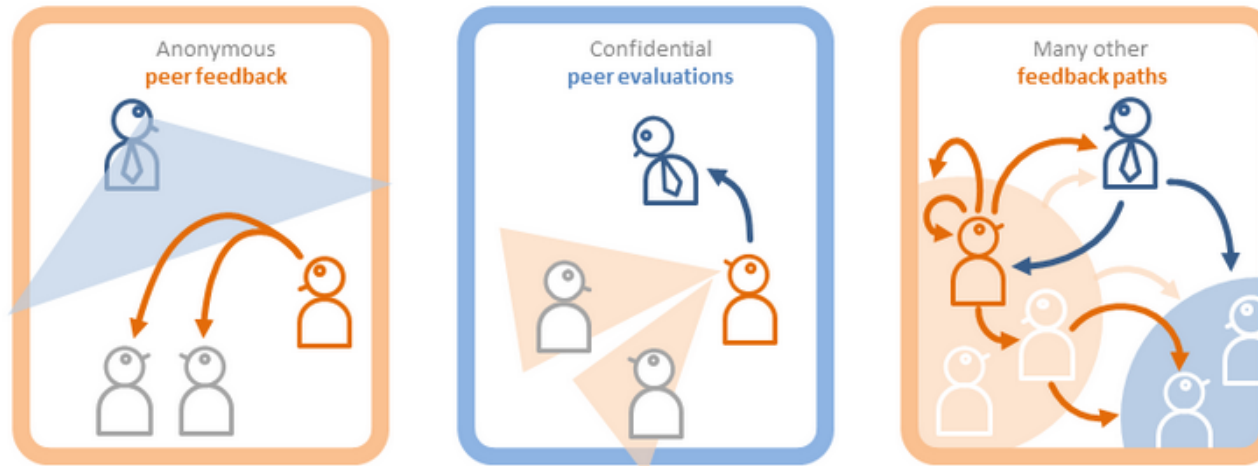
# Peer evaluation

Online peer evaluation will also be done by group members. This will be incorporated in final group mark after review by module co-ordinators.

- **Qualitative:** mid-term [formative]
- **Quantitative:** end of term [summative]

If a student **does not complete the peer evaluation**, the peer evaluation marks by other students will be considered as null, and **zero marks** will be given for that student.

TEAMMATES manages peer evaluations and feedback paths of your students



308,304 feedback entries submitted so far ...

Video  
Tour

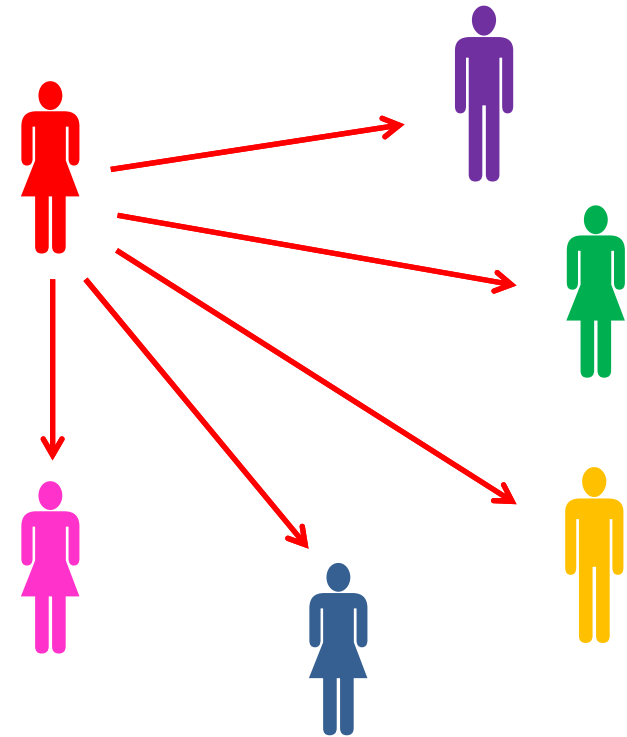
Request a FREE  
Instructor Account

- Make sure you check your NUS email account frequently as we'll register you to TEAMMATES using that



# Peer review

- Each of you will give points to the rest of your team mates
- Give {1,2,3,4,5} points to each for each Qn
- TEAMMATES app: link by email
- Anonymous to peers
- If you don't do it, you don't get the points yourself
- Points will be **moderated**

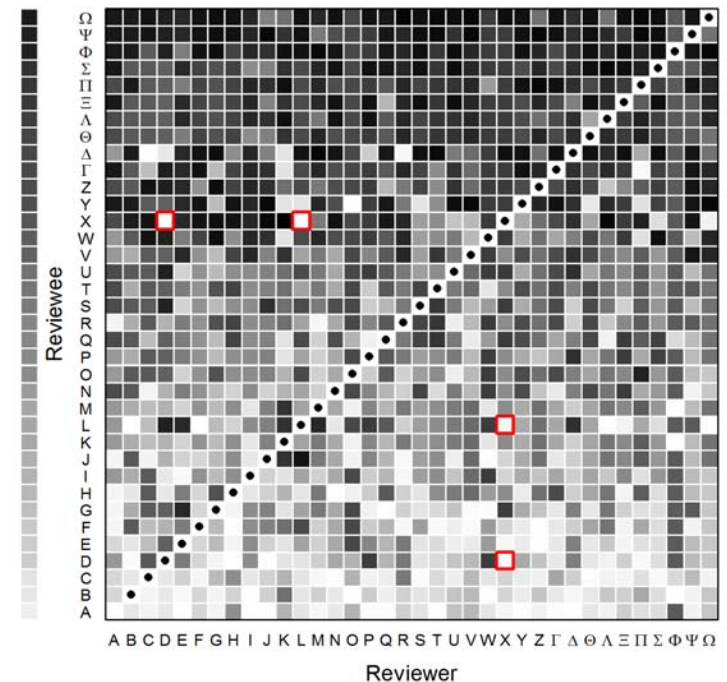
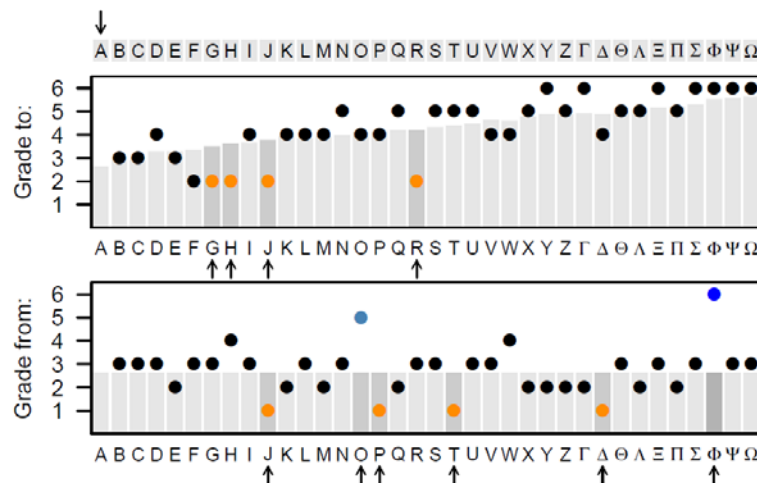


- Deadline to submit is **6pm Sunday 16 Nov 2014**
- If you don't get the email: tell us

<b>Cooperation</b>	He was a major asset to the group.	He was an asset to the group.	He was easy to work with most of the time.	He was difficult to work with at times.	He was consistently difficult to work with.
<b>Time on Task</b>	She lead group through most tasks.	She was consistent on-task.	She was on-task most of the time.	She was off-task regularly.	She was regularly off-task and distracted others throughout the sessions.
<b>Task Completion</b>	He completed tasks in a much above average manner.	He completed tasks in an above average manner.	He completed tasks in a satisfactory manner.	He participated in a less than fully satisfactory manner.	He did not participate in tasks.
<b>Overall Contribution</b>	She contributed a very significant amount to the overall work. She did far more than her fair share of the work and/or went out of her way to collaborate with others. Without her input, the quality of our work would have been much worse.	She contributed a significant amount to the overall work. She did more than her fair share of the work and/or went out of her way to collaborate with others. Without her input, the quality of our work would have been considerably diminished.	She exerted adequate effort and did her fair share of the work. She did not go above and beyond to complete this assignment, but without her input, the quality of our assignment would have been somewhat diminished.	She barely contributed to the overall work. She did not collaborate with fellow group members and/or failed to do her fair share of the work. Without her input, the quality of our assignment would have been pretty much the same.	She failed to contribute in any meaningful way to the overall work. Other members had to do a lot more work in order to pick up the slack. Without her, the quality of our work may have been improved.

# Responsibility

- This counts towards your peers' grades and potentially their degree **so take it seriously**
- Don't give extra points to your friend, or hall-mate, or the girl you fancy
- We will run the votes through a series of statistical tests to identify irregular voting



# Groups and Group Work

- Designed to encourage discussion and input of students from different disciplines
- Focused questions
- Reduce need for literature search

# Module Feedback

<http://tinyurl.com/l58o4sx>



# Minor in Public Health

Essential Modules	Elective Modules	
	Determinants	Approaches and Methods
1) GEK1900 Public Health in Action  2) Any of following modules or their equivalent, subject to approval by programme director: <ul style="list-style-type: none"> <li>• BN2102 Bioengineering Data Analysis</li> <li>• DSC2008 Business Analytics – Data and Decisions</li> <li>• EC2303 Foundations for Econometrics</li> <li>• PR2103 Pharmacostatistics</li> <li>• SC3209 Data Analysis in Social Research</li> <li>• ST1131 Introduction to Statistics</li> <li>• ST1232 Statistics for Life Sciences</li> <li>• ST2334 Probability and Statistics</li> </ul> 3) SPH2101 Public Health and Epidemiology	SPH2102 Lifestyle, Behaviour and Public Health  SPH2104 Public Health Nutrition  ENV2103 Environment and Public Health  SC2211 Medical Sociology  SPH3103 Public Health Economics  SPH3104 Infectious Disease Epidemiology and Public Health	SPH2103 Systems and Policies to improve Health  SPH2105 Introduction to Global Health  SPH2106 Health in the Later Years  SPH3101 Biostatistics for Public Health  SPH3102 Public Health Communication  SPH3103 Public Health Economics  SPH3109 Designing Public Health Programmes

Standalone module: SPH3201 Public Health Practice

<http://www.sph.nus.edu.sg/index.php/education/ug/phminor>

# MASTER OF PUBLIC HEALTH (MPH)

Our **MPH** programme is designed to suit the needs of those seeking skills required for Public Health practice and to conduct epidemiologic, clinical and health services research. It is ideal for professionals who are working, or intend to work, in organisations that are engaged in disease prevention and control, health policy, planning and promotion, and occupational and environmental health.

## Core Modules

The core curriculum aims to provide you with a strong foundation in epidemiologic and quantitative methods. In addition, key areas of lifestyle and behavior, the environment and work, and health policy and systems provide the basis for addressing Public Health challenges.

## Elective Modules

You are encouraged to identify your areas of interest and further develop them and your skills by completing modules offered in various areas: **Epidemiology & Disease Control, Quantitative Methods, Environmental/Occupational Health, Health Systems and Policy, Health Education and Promotion, Health Services Research and Global Health.**

## Practicum

Practicum project is designed for you to synthesise and apply the knowledge and skills gained through the MPH programme. To tailor your learning journey, a SSHSPH faculty member will help you to plan and conduct the

# MASTER OF SCIENCE (MSc) / DOCTOR OF PHILOSOPHY (PhD)

Our MSc and PhD programmes are research-intensive programmes that emphasise both the mastery of research skills and acquisition of core knowledge in your area of interest. You may choose to receive advanced training in one of four domains of Public Health research: **Biostatistics, Epidemiology, Health Education & Promotion, and Health Services & Policy.**

## Year 1 to 2

From Year 1, both MSc and PhD students will embark on their research projects, complete core modules and choose from a range of elective modules that cater to individual research interests. In Year 2, MSc students will start writing their thesis, while PhD students will complete a PhD Qualifying Examination (PQE) which assesses their ability to complete PhD requirements based on their academic progress and the quality of their research.

MSc students who wish to transfer to the PhD programme need to complete the PhD coursework requirements, and pass the PQE within 2 years.

## Year 3 to 5

PhD students will execute the rest of their research plans and submit and defend their thesis.

## MINIMUM RE AND MAXIM

The minimum r for NUS gradua students. The st and part-time s

## TYPE OF PROGRAMM

MSc

PhD

MSc

<http://www.sph.nus.edu.sg/index.php/education/gdc/mph>

<http://www.sph.nus.edu.sg/index.php/education/gdc/msc-phd>



# Where you could contribute.....



ICRC



THE WORLD BANK



MINISTRY OF HEALTH  
SINGAPORE



- Ministry of Health
- Health Promotion Board
- Health Sciences Authority
- Agency for Integrated Care
- NUH, SGH, TTSH etc
- Glaxo Smith Kline, MSD, Lilly





## Individual Assignment 2: 40%

- Two questions. **Do both (20% each)**
- Max 1,000 words per question, excluding references
- Label **Word** doc with name, matric number, Q#
- Submit Word Doc via IVLE, **Turnitin**
- **Due 6PM, 16 November 2014**
- **Late submission will not be entertained unless MC is provided (again covering entire period)**

<b>Upload to Folder :</b>	<b>Week 04</b>
<b>Folder Expiry Date &amp; Time :</b>	06-Aug-2014 12:00 PM
<b>File Name :</b>	<input type="button" value="Choose File"/> No file chosen
<b>File Description :</b>	<div></div> Maximum: 1000 characters.
<b>File Name :</b>	<input type="button" value="Choose File"/> No file chosen
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<b>File Name :</b>	<input type="button" value="Choose File"/> No file chosen
<b>File Description :</b>	<div></div> Maximum: 1000 characters.

Click on **Browse** to select files from your hard disk and click **Upload** to submit.

- ☒ Notify me by email once the files are successfully uploaded.  
☒ Submit the **uploaded files** for plagiarism check.

You can submit files multiple times for plagiarism check until the folder expires.

If you have a previous submission, you have to wait for 24 hours before you can submit again.

**Upload**

**Upload Url**

**Back**

Please select the second option as well before uploading your file

# Individual Assignment 2 Questions

- See doc in IVLE

*Get Exam Results  
earlier via SMS  
on 23 Dec 2014 !*

Subscribe via myISIS by **9 Dec 2014**

**For more information**

<https://myportal.nus.edu.sg/studentportal/academics/all/scheduleofresultsrelease.html>

