

## Globalization of Prevention Education Supercourse

[www.pitt.edu/~super1/](http://www.pitt.edu/~super1/)



Congratulations!  
600 lectures!

We are very pleased to provide for you the 2010 edition of the Supercourse Calendar. We hope that 2010 is the best year ever. We send to you our picture at 600 lectures at our favorite India in Restaurant in 2003. Ron, Faina, Eugene, Mita, Francois, Kawkab, Nicholas, Jesse, Meredith, Vint, Ismail, Gil, Meredith, Soni, Ali, Eric, Noha, Marwa  
Please change this calendar, and share this with your colleagues and students. [www.pitt.edu/~super1/](http://www.pitt.edu/~super1/)  
please write us at [super1@pitt.edu](mailto:super1@pitt.edu)

WHO Collaborating Centre, Library of Alexandria,  
Mexico, Jordan, Iran and 172 countries

# January

## 2010

*Sun Mon Tue Wed Thu Fri Sat*

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**31**

## Global Health, Tipping point = 1950

<1950

Time Frame

4,000,000 years

Gain in Life Expectancy

20 years

1 year gain in life expectancy

200,000 years



Ardi  
4,000,000 BC



Khrushchev  
1950

>1950

Time Frame

60 years

Gain in Life Expectancy

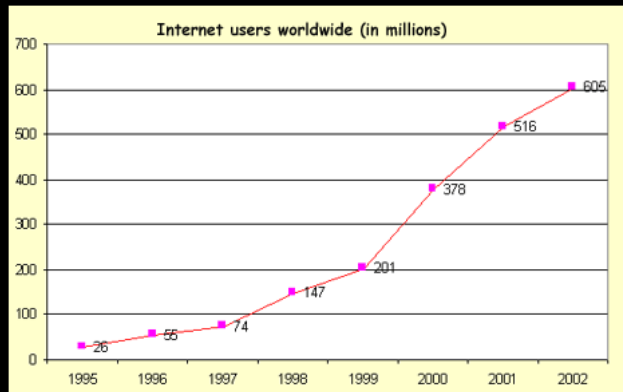
25 years

1 year gain in life expectancy

2.4 years



Obama  
2009



There have been several major “tipping points” leading to the Supercourse. The first is the remarkable improvement in health since 1950, with the rate of increase over 80,000 times greater than before 1950. In addition, there has been an Internet Tipping point with billions now having access to the Internet. If we can marry the Internet revolution with the Health changes, we could continue the upward spiral of improved global health.

# February

## 2010

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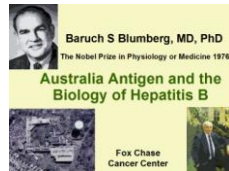
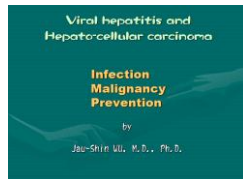
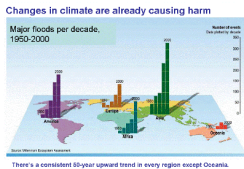
## PowerPoint

- **1988** 0 PowerPoint lectures
- **2001** 10,950,000,000 lectures

Supercourse = Recycling Slides



### Holdren, AAAS



Perhaps the greatest educational technology tipping point is that of PowerPoint on the web. For the first time we are able to share, and recycle our lectures. We now can easily share our Global Health and Prevention slides and lectures.

# March

## 2010

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Global Health  
Internet  
PowerPoint

### Supercourse Model

Large Multidisciplinary Network

Open Source  
PowerPoint Lecture Library

Continuous  
Quality  
Improvement

Distribution System to Educators

The confluence of improved global health, the Internet and PowerPoint provides the soil to grow the Supercourse. The model of the Supercourse is simple, build a network, extract and share PowerPoint lectures and distribute the slides and lectures to educators.

April

2010

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Empowering  
Educators  
world wide  
with state of  
the art lecture  
content

**But how do I get better  
lectures?**

**Why don't scientists share our  
most exciting PowerPoint  
lectures for free?**

The Supercourse is not distance learning, rather it is a means to empower the teachers of the world with good content so that they can take 5 slides from Peter Bennett, 4 from Jan Dorman, and 10 of their own to produce better, up to date lectures on diabetes and many other areas of global health.

**May**

**2010**

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# Global Health Network

**56,000 Faculty**  
**9500 Universities**  
**174 Countries**

www.supercourse.cn



140 Chinese Medical Students

The concept of the Supercourse has grown rapidly. Currently over 56,000 faculty from 174 countries are a part of the network. We have smaller supercourses such as in the FSU, China, Pakistan, India, and Latin America. There are 31 different languages represented with over 500 in Chinese, and Spanish, for example.

# June

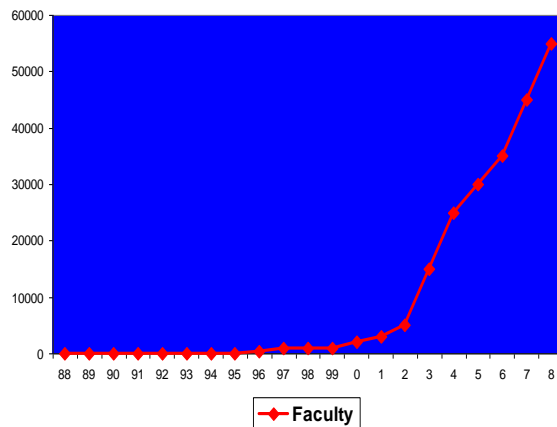
2010

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## Lectures

# 4133

Growth of Faculty: Tipping Point



The Supercourse has over 4000 lectures and covers most of the areas of Global Health and Prevention. The interest in the Supercourse has risen dramatically with less than 3000 members in 2002, to now almost 10 times this figure.

# July

## 2010

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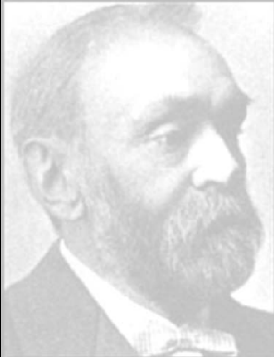
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Alfred Nobel

### Legacy lectures given to the Supercourse by Nobel Prize Laureates

Baruch S. Blumberg - [Australia Antigen and the Biology of Hepatitis B in Chinese](#)

Leland H. Hartwell - [Yeast and cancer](#)

Eric R. Kandel - [Molecular Biology of Memory: A Dialogue Between Genes and Synapses](#)

Klaus von Klitzing - [25 Years Quantum Hall Effect. Part I Part II](#)

Joshua Lederberg - [Microbial Threats to Health in the United States: Natural and Manmade](#)

Ferid Murad - [Biological Effects of Nitric Oxide and its Role in Cell Signaling](#)

Paul Nurse - [The Great Ideas Of Biology Cell Cycle Control](#)

Douglas Osherooff - [How Advances in Science Are Made. Part I Part II](#)

Rolf R. Zinkernagel - [Infection, Tumor Grafts, Specificity, Memory, "Tolerance"](#)

What is the secret of Supercourse Magic???



There has been considerable interest among Nobel prize winners. In addition there are over 1000 members of the National Academy of Sciences and the IOM. We have lectures from the former director of the NIH, and CDC, as well as numerous NIH Institute directors, and Ministers of Health.

The Magic of the Supercourse is that you and we work together to help each other improve global health

# August

## 2010

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Abu-Bakr Mohammed  
Ibn-Zakaria Al-Razi (Razes) 841-926 AD



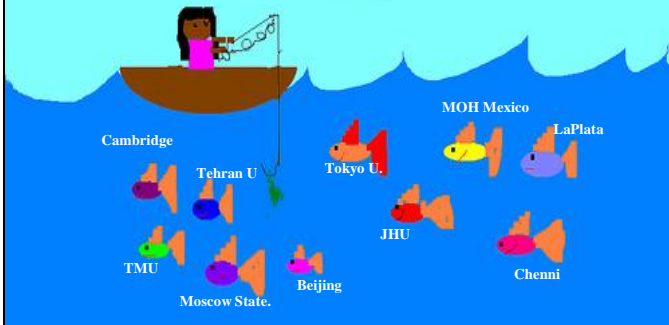
**Medicine**

“the art concerned in **preserving healthy bodies**, in combating disease, and restoring health to the sick

**OIC Supercourse**

**Fishing for Deans**

Medical Schools  
Public Health  
Ministries of Health  
Agriculture



We are engaged in several different projects. We have established an Organization of Islamic Conference collaboration with over 3000 faculty in Muslim countries. In addition we are establishing a conduit to medical and agriculture colleges by having an expert team of assistant professors and graduate students to find the names and email addresses for those deans in different disciplines.

**September**

**2010**

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### H1N1 Just-in-Time lecture



- Lecture in 24 hours
- Translated in 3 days to 11 languages include Chinese, Japanese, Malay, Arabic, Farsi and Hebrew
- Reached 50 million
- Became trusted source
- Leading H1N1 lecture on web

As part of our collaboration we are closely working with the Library of Alexandria in Egypt. Our three main collaborators are Dr. Serageldin, Omenn and Cerf. We are extending the Supercourse concept to all of science. In addition we have perfected the concept of Just-in-Time lectures where we have produced Supercourse lectures within 24 hours after the Tsunami, Bam Earthquake, Hurricane Rita, and most recently H1N1. The H1N1 lecture reached over 50 million people.

# October

2010

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Working in partnership to prevent and control the 4 noncommunicable diseases – cardiovascular diseases, diabetes, cancers and chronic respiratory diseases and the 4 shared risk factors – tobacco use, physical inactivity, unhealthy diets and the harmful use of alcohol.

**2008-2013 Action Plan**  
for the Global Strategy  
for the Prevention and Control  
of Noncommunicable Diseases

Ala Al'wan, M.D.  
Asst. Dir General, WHO



We have begun collaboration with Dr. Ala Al'wan, M.D., the Assistant Director General at WHO to disseminate information about the NCD action plan.

The next generation will have a profound effect on Global Health as they have never known what it was like to not have the Internet.

# November

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# 2010



Education is the most powerful weapon which you can use to change the world.

Nelson Mandela

Prevention education is the most powerful weapon which you can use to change the Health of the world.

Supercourse team

Nelson Mandel framed education perfectly. It is out belief that Prevention education will save the world

We of the Supercourse team are pleased to have you a part of our global faculty.



Ali Soni Jesse Ron Faina Mita

Ali Ardaldin Sunita Dodani Jesse Hung Ronald LaPorte Mita Lovalekar Faina Linkov Nicholas Padilla Kawkab Shishani Francois Sauer Eugene Shubnikov

Iran US/Pakistan China US US/India US/Ukraine Mexico Jordan/US US Russia



Nicholas Kawkab Francois Eugene

# December

# 2010

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