



INTERNATIONAL COLLABORATION AND EXCHANGE PROGRAM

Medical education for Anatomy- from the lessons of Columbia ICE Program Partners

Chung-Liang Chien, Ph.D.

Professor, College of Medicine, National Taiwan University

09-18-2023

26
Universities

17
Countries/Regions

5
Continents

UK

2
Universities

- 🇬🇧 University of Cambridge
- 🇬🇧 King's College London

Europe

9
Universities

- 🇩🇪 Martin Luther University
- 🇩🇪 University Medicine Berlin Charite
- 🇩🇪 Ludwig Maximilian University
- 🇦🇹 Medical University of Vienna
- 🇫🇷 University of Paris Cite
- 🇮🇹 University of Milan
- 🇫🇮 University of Helsinki
- 🇩🇰 University of Copenhagen
- 🇪🇸 University of Barcelona

North America

6
Universities

- 🇺🇸 Columbia University
- 🇺🇸 Harvard Medial School
- 🇨🇦 McGill University
- 🇺🇸 Stanford University
- 🇺🇸 University of California San Francisco
- 🇺🇸 Yale University

East Africa

1
University

- 🇰🇪 University of Nairobi

7
Universities

East Asia

- 🇯🇵 Kyoto University
- 🇯🇵 Keio University
- 🇯🇵 Tokyo Women's Medical University
- 🇹🇼 National Taiwan University
- 🇭🇰 Chinese University of Hong Kong
- 🇰🇷 Seoul National University
- 🇸🇬 National University of Singapore

Australia/Pacific

1
University

- 🇦🇺 The University of Sydney



Current Columbia ICE Program Partners



INTERNATIONAL COLLABORATION AND EXCHANGE PROGRAM



UNIVERSITAT DE BARCELONA

Keio University



MARTIN-LUTHER-UNIVERSITÄT HALLE-WITTENBERG



Columbia ICE Program Mission



INTERNATIONAL COLLABORATION AND EXCHANGE PROGRAM

Prepare **future leaders in healthcare** to solve healthcare issues in an international, interdisciplinary, collaborative and mutually respectful and culturally competent with diplomatic manner.

via internationalization of medical education (**early virtual international peer and faculty exchanges and structured online programming**).

ICEP Faculty Members



INTERNATIONAL COLLABORATION AND EXCHANGE PROGRAM

Berlin Charite, Germany
 Chinese University of Hong Kong
Columbia University
 Harvard Medical School
 Keio University
King's College London
Kyoto University
 Ludwig Maximilians University
 Martin Luther University Halle-Wittenberg
 McGill University
 Medical University of Vienna
National Taiwan University
 National Seoul University
 National University of Singapore
 Stanford University
 Tokyo Women's Medical University
 University of Barcelona
 University of California San Francisco
 University of Cambridge
University of Copenhagen
University of Helsinki
 University of Milan
 University of Paris Cite
 University of Sydney
 University of Nairobi
 Yale University

Imre Vida
 Sammy Lee
Anette Wu, Carol Kunzel, Ariella Lang
 Dana Stearns, Sabine Hildebrandt
 Yae Kanai
Mandeep Gill Sagoo, **Richard Wingate**
Yukari Yamada, Takeshi Sakurai
 Anna Sigmund, Jens Waschke
 Heike Kielstein
 Mina Zeroual, Mikaela Stiver
 Hannes Traxler
Chung-Liang Chien
 Ho Geol Ryu
 Rhoh Dow Rhoon
 Jill Helms
 Shuji Kitahara
 Neus Martinez, Alfons Ponz
 Madeleine Norris
 Cecilia Brassett
Jorgen Oslen
Suvi Viranta-Kovanen
 Nicoletta Gagliano, Chirarella Sfroza
 Victoire Des Lastours, Nathan Moreau
 Kevin Keay
 Fred Bukachi
 Bill Stewart, David Pitt



King's College London: the Gordon Museum of Pathology

Host: Professor Richard Wingate, 2019

The earliest specimen in the Gordon Museum today actually dates from c1608. The specimens were initially brought together by Thomas Hodgkin, who became the first Medical Curator and formed the basis of the "Museum" in the first Medical School which was opened in 1826.



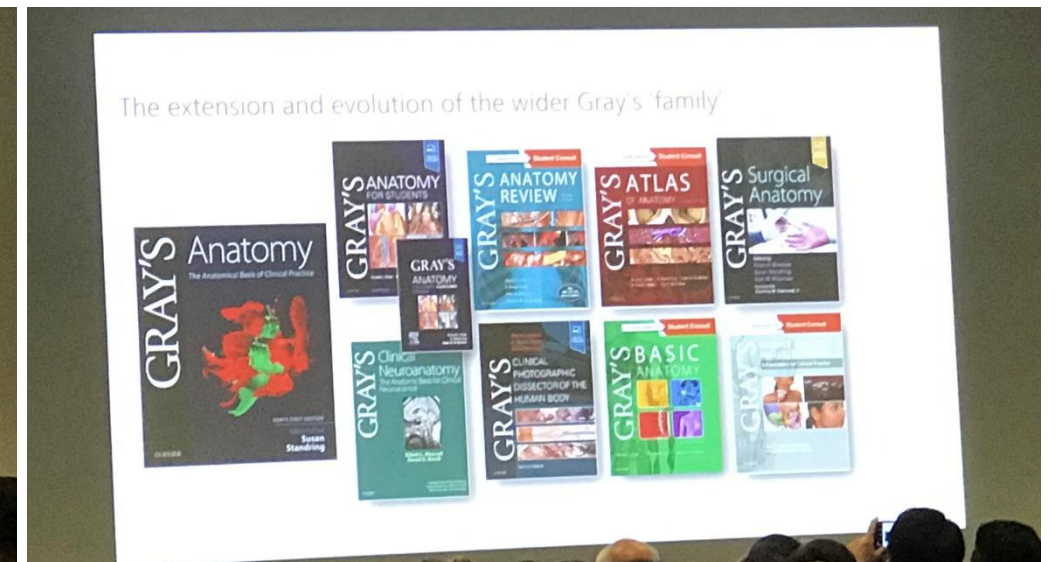
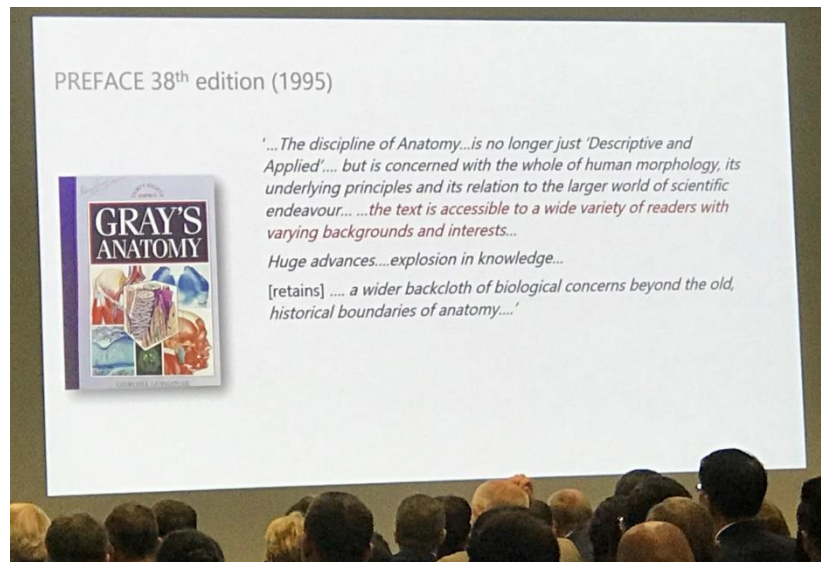
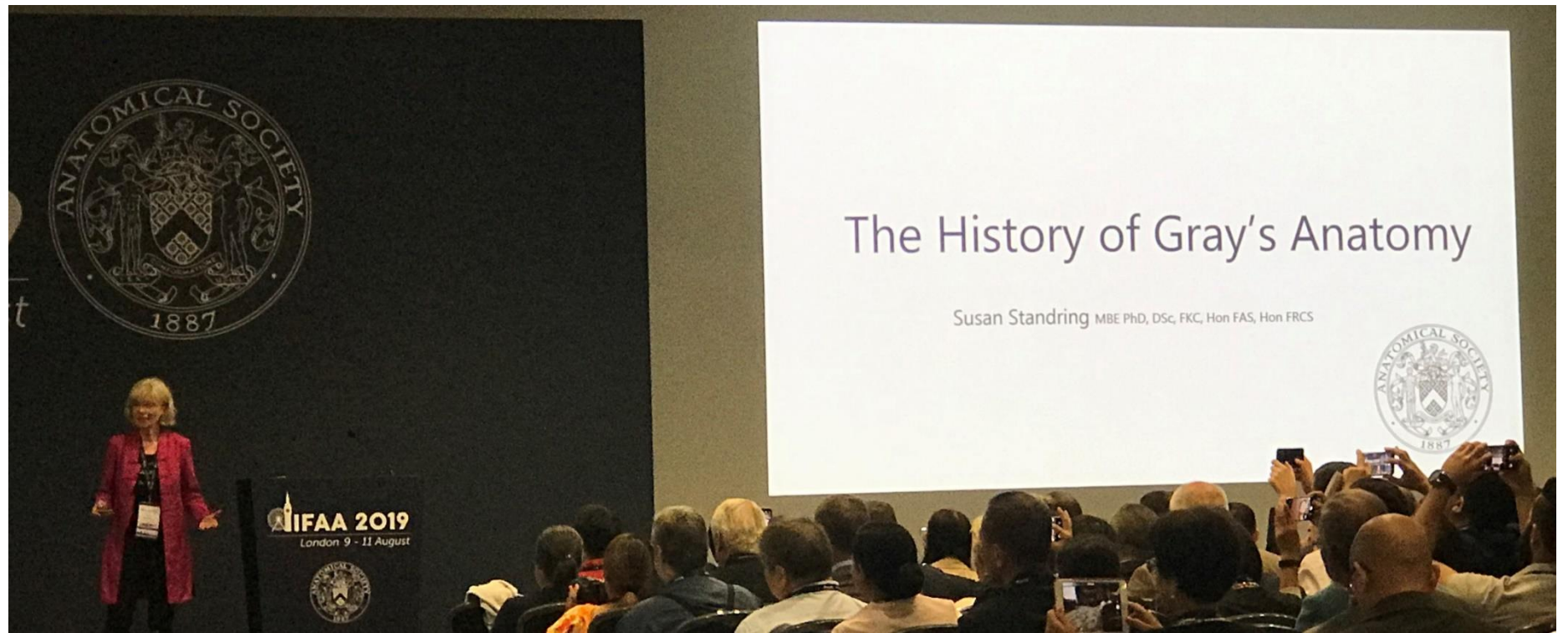
Thomas Hodgkin's stethoscope (1798-1866)



Thomas Hodgkin's disease specimen



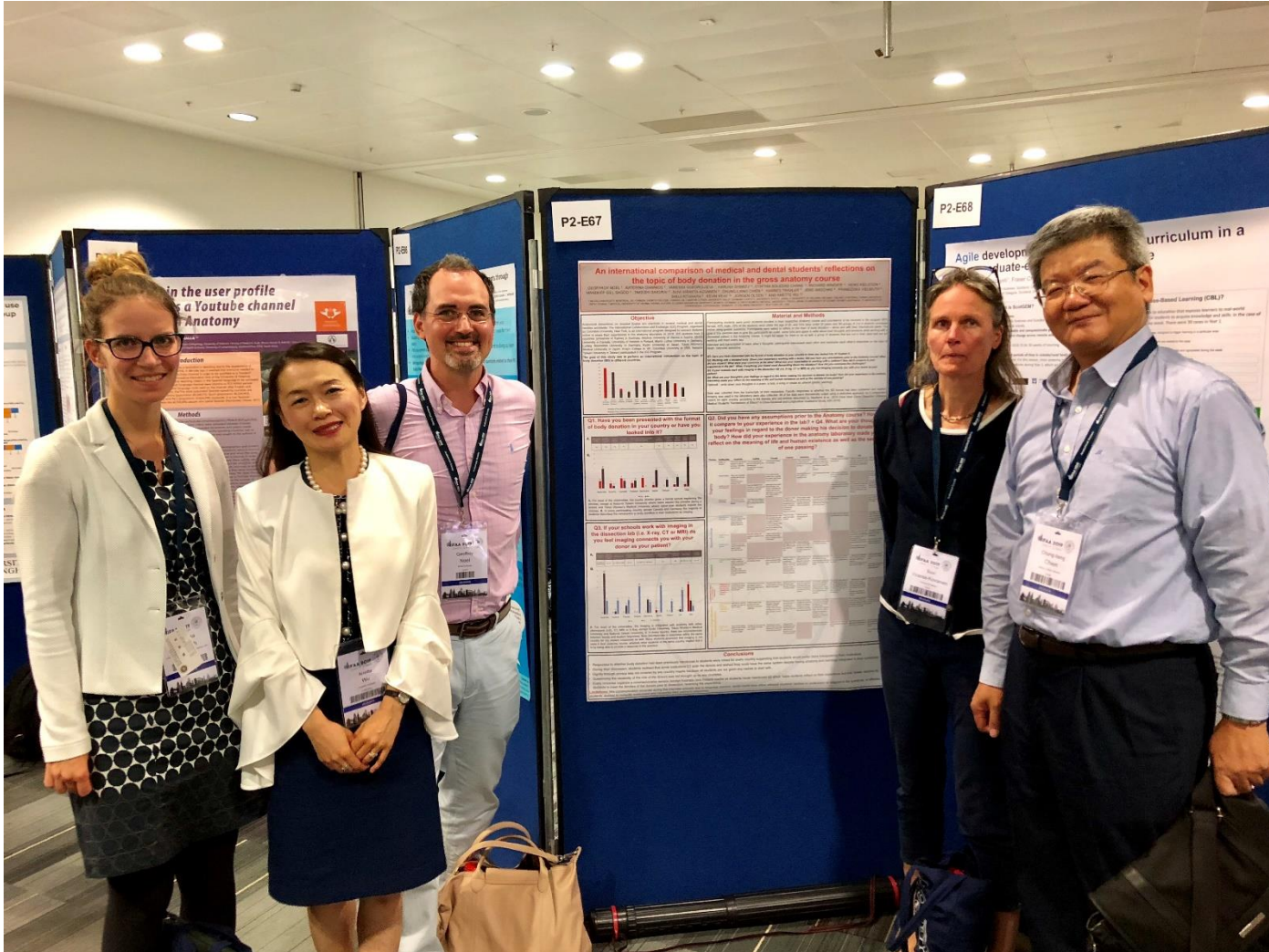
Susan Standring, PhD, DSc.
Professor Emeritus
of [King's College London](#),
Editor-in-chief of [Gray's Anatomy](#).



IFAA London 2019: International Anatomy Workshop: Connecting Anatomists and Global Health

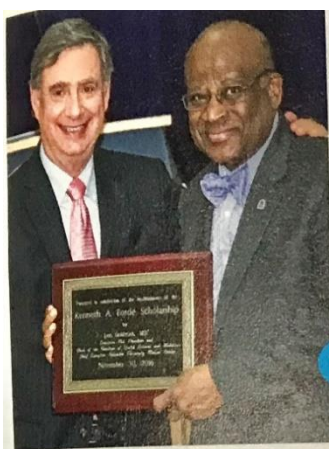
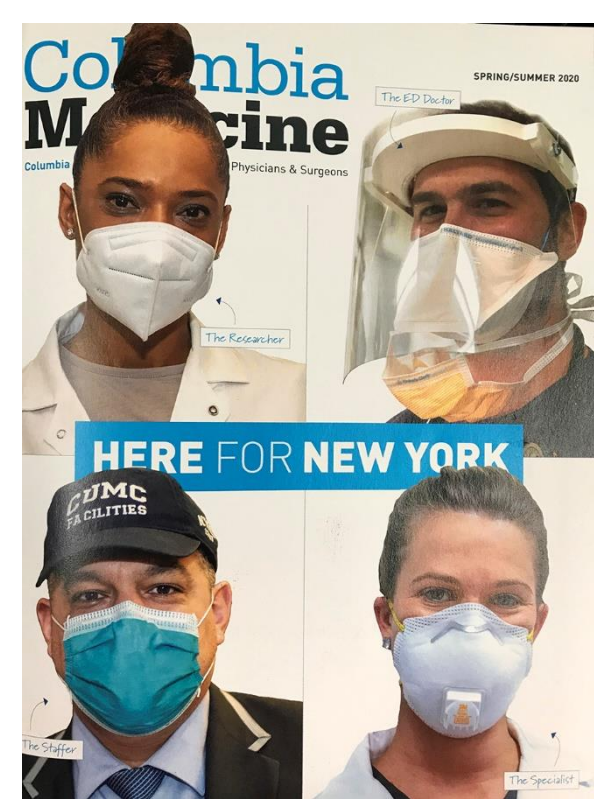


Poster Sessions



2020-02-08 ICE program zoom meeting





2014

Virginia Kneeland Frantz Society for Women Faculty is established.

◀ Kenneth A. Forde Diversity Alliance is established.

2016

Gifts from Florence and Herbert Irving lead to renaming the medical center as the Columbia University Irving Medical Center.



◀ The award-winning Roy and Diana Vagelos Education Center opens on Haven Avenue. It includes five floors of a simulation center, the medical school's first dedicated space for simulated learning.

2017

👑 COLUMBIA

VAGELOS COLLEGE OF PHYSICIANS AND SURGEONS

▶ Columbia University renames its 250-year-old medical school the Roy and Diana Vagelos College of Physicians and Surgeons.

VP&S, which started life in 1767 as the medical faculty of King's College (which later became Columbia University), celebrates its 250th anniversary.

2018

VP&S announces a program that provides scholarships in place of loans for all students with financial need.

2019

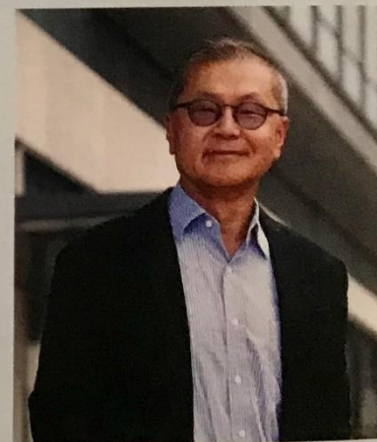
▶ Haven Plaza, 60,000 square feet of space on Haven Avenue, opens to provide quality open space for the medical center community and the surrounding neighborhood.

For the past decade, VP&S has had the third largest absolute increase in NIH grants dollars and the largest percentage increase in the top 10 medical schools.

Columbia University Irving Medical Center is named the top health care institution for scientific research by the Nature Index Annual Tables.

2020

▶ Aaron Diamond AIDS Research Center, led by David Ho, moves from Rockefeller University to VP&S.



Institute for Biotechnology and Medicine Industry

Looking Beyond Covid-19: The Healthcare Ecosystem in Taiwan

Prof. Chung-Liang Chien

College of Medicine, National Taiwan University
Institute for Biotechnology and Medicine Industry

2020.08.08

International Collaboration and Exchange Program
-Preparing Global Leaders for Healthcare-

Summer Program Agenda

Agenda 08/08/20

Moderators: Deji Adeniyi (Columbia University, USA)
Erin Fitzsimons-West (University of Cambridge, UK)

13.00- 13.40 (GMT)	Dr. Chung-Liang Chien, "International Health Systems"
13.40- 14.00	Q+A (Led by Deji and Erin)
14.00-14.05	Short Break
14.00-14.30	Large Group Discussion ("Public health education and the role of the media") [10 minutes forming argument with group (Breakout rooms) 20 minutes debating questions]



Emerging tech and application for COVID-19

<p>Diagnosis</p> <ul style="list-style-type: none"> ■ Testing kits ■ Mobile diagnostics ■ Temperature monitoring ■ Medication ■ Vaccine development ■ Therapeutics 	<p>Prevention</p> <ul style="list-style-type: none"> ■ Antiviral masks ■ Disinfectants ■ Air filtration ■ Disease surveillance ■ Spit disposal ■ Environmental monitoring for diseases 	<p>Patient care</p> <ul style="list-style-type: none"> ■ Hospital robots ■ Medical AI algorithms ■ PPEs ■ Artificial cough device ■ 3D-printed ventilator valves 	<p>Remote healthcare</p> <ul style="list-style-type: none"> ■ Remote monitoring ■ Telehealth ■ Wearable sensors ■ Vital sign monitors ■ Digital stethoscope ■ Chatbots ■ 5G telecom
---	---	--	---

Source: Startus Insights · FDA · IBMI

Emerging tech and application for COVID-19

<p>Public health</p> <ul style="list-style-type: none"> ■ Drone delivery ■ Isolation units ■ Visualised dashboards for covid-19 outbreaks and forecasts ■ Patrol/disinfection robots ■ Mobile Apps 	<p>Smart city</p> <ul style="list-style-type: none"> ■ Smart surveillance ■ Location-based systems ■ Online civic services ■ Indoor farming ■ Unmanned stores ■ Prefabricated & modular construction ■ Sickness mapping 	<p>Industry</p> <ul style="list-style-type: none"> ■ Real-time supply chain management ■ Fleet management ■ Autonomous cars ■ AR ■ Digital factory 	<p>Individual</p> <ul style="list-style-type: none"> ■ Shared streaming & entertainment ■ Remote work ■ Online learning ■ Stress & anxiety reduction ■ Food & grocery delivery ■ Indoor workouts
--	---	--	---

Source: Startus Insights · FDA · IBMI

2021-03-06 ICE program zoom meeting (Chair by Professor Anette Wu, Columbia University)

Participants:

- Anette Wu, New York
- chien@NTU
- Deji Adeniyi (New York, Columbia)
- Alexandra Castro (LMU)
- Lara Isernhagen, MLU Halle
- Ákos Filakovszky (Vienna)
- Eleonore Willems (Paris)
- Kitty Alerken - Helsinki
- Woo-seok Yang (KCL)
- Vincent Zheng (Helsinki)
- Anna Assmann (LMU)
- Sophia Schmiedehausen (Vienna)
- Sophika Uthayakumar KCL
- Peter Meyer
- Riona
- Andrea Hinterasmogler, University of Vienna
- Yong (Daniel) Shen (Columbia)
- Naoko Hoshiya(Kyoto)
- Shanthavi Wijayakumar, Kings College
- Arian Akhondi (Vienna)
- Daniel Khosravinia KCL
- Anna Sigmund
- Harry Ball (Cambridge)
- Amiliya Kyrylova LMU Munich
- tina (Vienna)

Local Time

- USA and Canada: 07.30 AM
- UK: 12.30 PM
- Central Europe (AUT, GER, DEN, FRA): 13.30 PM
- Finland: 14.30 PM
- Taiwan: 20.30 PM

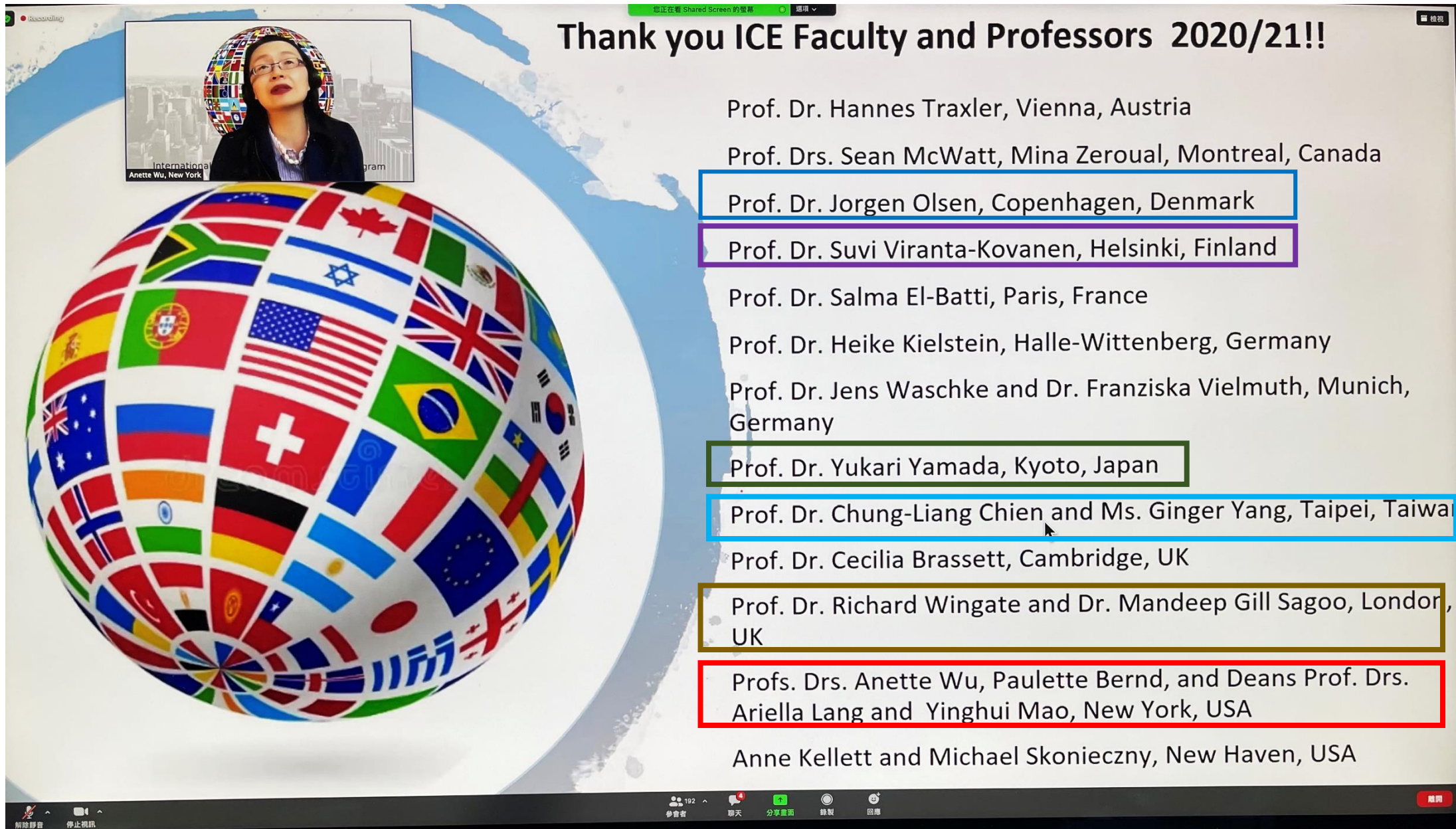
Post Programme Questionnaire

@anatomyvgroup

QR Code:

Zoom Meeting Controls: 187 participants, 停止视讯, 聊天, 分享萤幕, 录制, 回应

2021-03-06 ICE program zoom meeting (Chair by Professor Anette Wu, Columbia University)



The slide features a large globe on the left side, composed of various national flags. In the top left corner, there is a small video feed of Professor Anette Wu, with her name and location (New York) visible below it. The main title of the slide is "Thank you ICE Faculty and Professors 2020/21!!". Below the title, a list of names and their affiliations is displayed. Several names are enclosed in colored rectangular boxes: blue for Prof. Dr. Jorgen Olsen, purple for Prof. Dr. Suvi Viranta-Kovanen, green for Prof. Dr. Yukari Yamada, light blue for Prof. Dr. Chung-Liang Chien and Ms. Ginger Yang, brown for Prof. Dr. Richard Wingate and Dr. Mandeep Gill Sagoo, and red for Prof. Drs. Anette Wu, Paulette Bernd, and Deans Prof. Drs. Ariella Lang and Yinghui Mao. The Zoom interface at the bottom shows 192 participants and various control icons.

Thank you ICE Faculty and Professors 2020/21!!

Prof. Dr. Hannes Traxler, Vienna, Austria

Prof. Drs. Sean McWatt, Mina Zeroual, Montreal, Canada

Prof. Dr. Jorgen Olsen, Copenhagen, Denmark

Prof. Dr. Suvi Viranta-Kovanen, Helsinki, Finland

Prof. Dr. Salma El-Batti, Paris, France

Prof. Dr. Heike Kielstein, Halle-Wittenberg, Germany

Prof. Dr. Jens Waschke and Dr. Franziska Vielmuth, Munich, Germany

Prof. Dr. Yukari Yamada, Kyoto, Japan

Prof. Dr. Chung-Liang Chien and Ms. Ginger Yang, Taipei, Taiwan

Prof. Dr. Cecilia Brassett, Cambridge, UK

Prof. Dr. Richard Wingate and Dr. Mandeep Gill Sagoo, London, UK

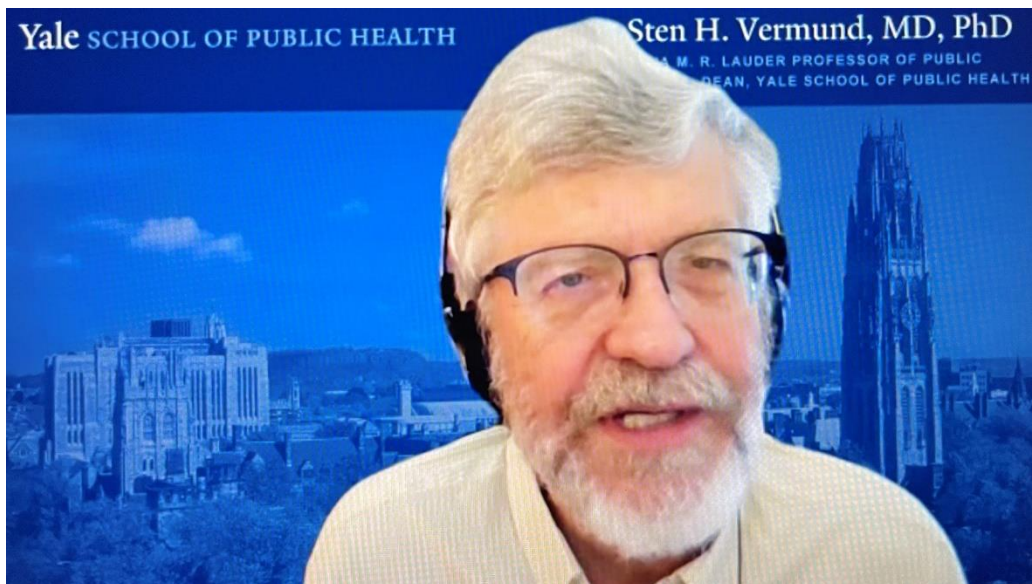
Prof. Drs. Anette Wu, Paulette Bernd, and Deans Prof. Drs. Ariella Lang and Yinghui Mao, New York, USA

Anne Kellett and Michael Skonieczny, New Haven, USA



ICE 2021 Summer Program zoom meeting : Climate Change and Health

Professor Sten Vermund, Yale University 2021-07-10



Sten H. Vermund @SVermund @YaleSPH
sten.vermund@yale.edu
www.publichealth.yale.edu

- **Yale Center for Climate Change and Health**
- <https://publichealth.yale.edu/climate/>
- **Certificate program in CC and Health**
- <https://publichealth.yale.edu/cchcert>
- **Yale Program on Climate Change Communication**
- <https://climatecommunication.yale.edu/>


Yale SCHOOL OF PUBLIC HEALTH

從 Dr [redacted]-Cambridge 發送至 所有人

Hi Dr Vermund, thank you for the lecture, it was very informative! It would appear that financial concerns and monetisation play a huge role in our response to climate change and public health (eg vaccine development and public policy on fuel sources etc.) In that case, how should we approach research and public policy health and climate change? More specifically, how can we make it more feasible to continue research in these areas even it may not be as financially viable?

從 Vi [redacted] University of Paris 發送至 所有人

The Chinese Government also try to benefit, in my opinion, from « vaccine diplomacy » in order to strengthen their international relations. They have created political links with 150 countries during the pandemic.

 Columbia University
MAILMAN SCHOOL
OF PUBLIC HEALTH

Three Decades, Three Coronaviruses


Stephen S. Morse
Professor of Epidemiology

ICE Program


October 30, 2021

Measures to control transmission ultimately affect the rise and impact of viral variants


As RNA virus replicates, it mutates in most or all progeny




With more virus, greater opportunity for variety of variants to evolve and spread



New opportunities for additional variants as this cycle repeats




Preventing infection and transmission slows the evolution of new variants, and their spread



"And it was so typically brilliant of you to have invited an epidemiologist."

W. J. Rorer
CN COLLECTION

An interesting time to be an Epidemiologist!

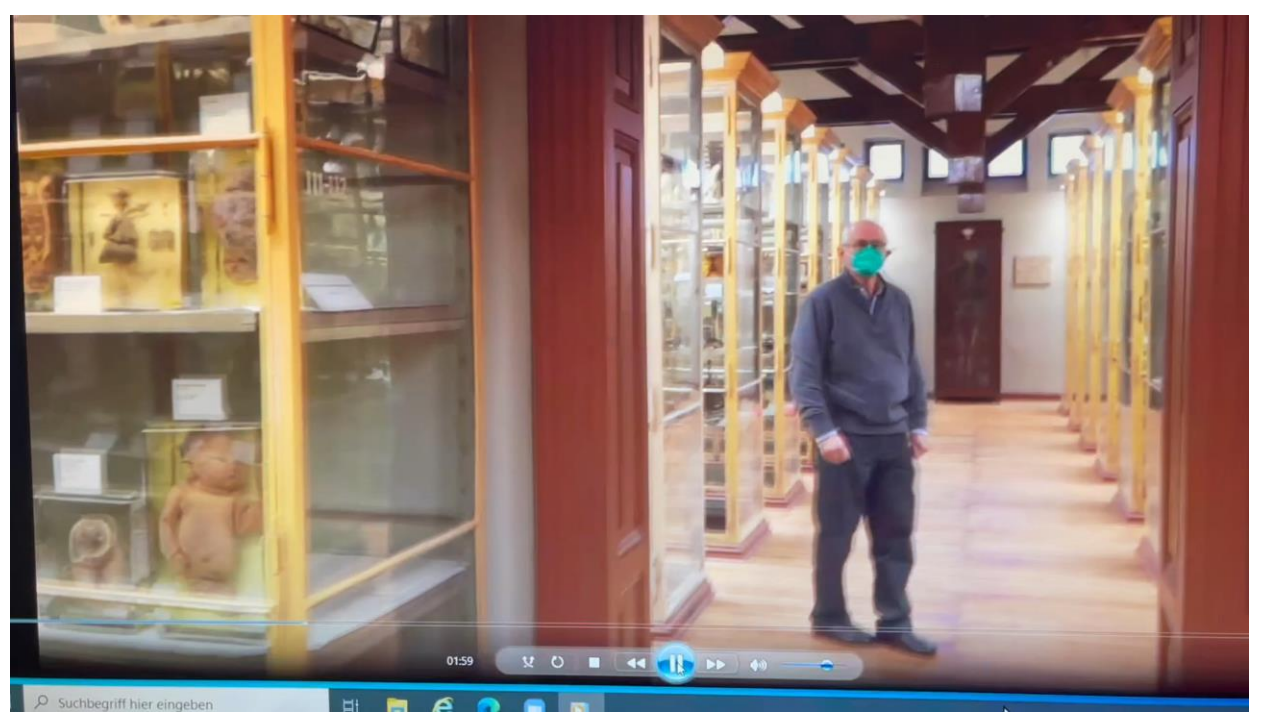
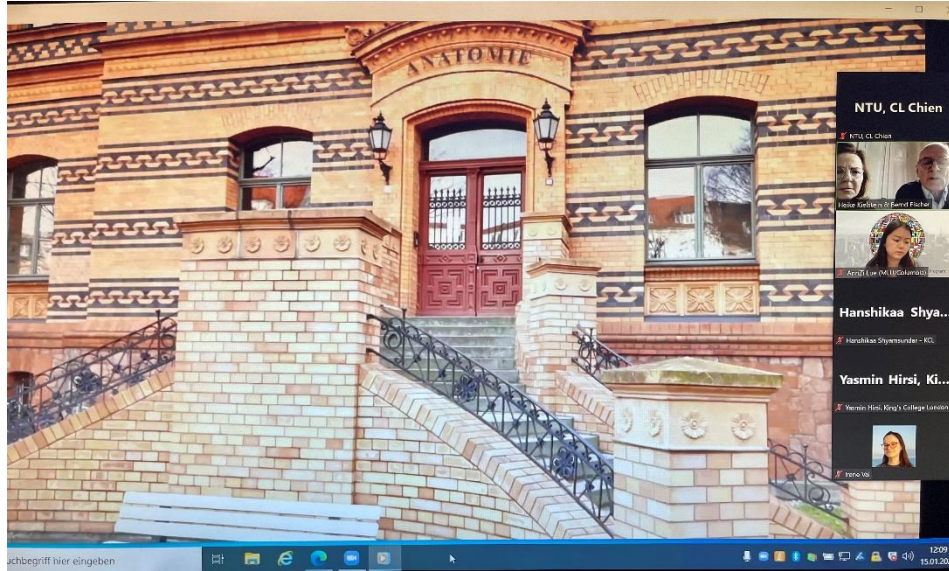






MARTIN-LUTHER-UNIVERSITÄT
HALLE-WITTENBERG

ICE Program Lecture (2022-01-15) Prof. Heike Kielstein & Bernd Fischer Martin Luther University, Halle, Germany



ICE Program Lecture (2022-03-06)

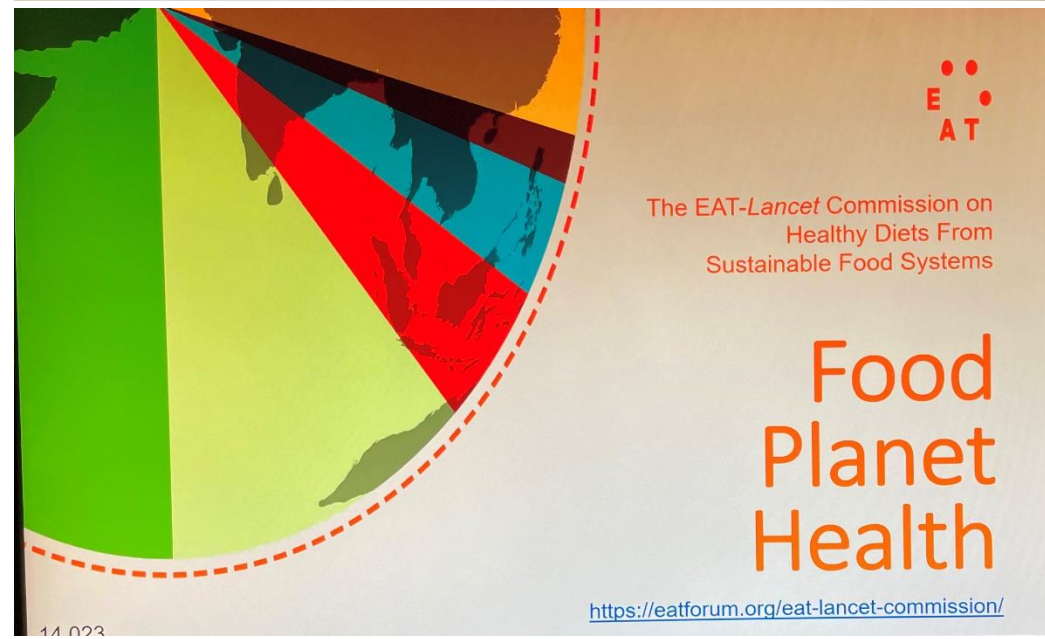
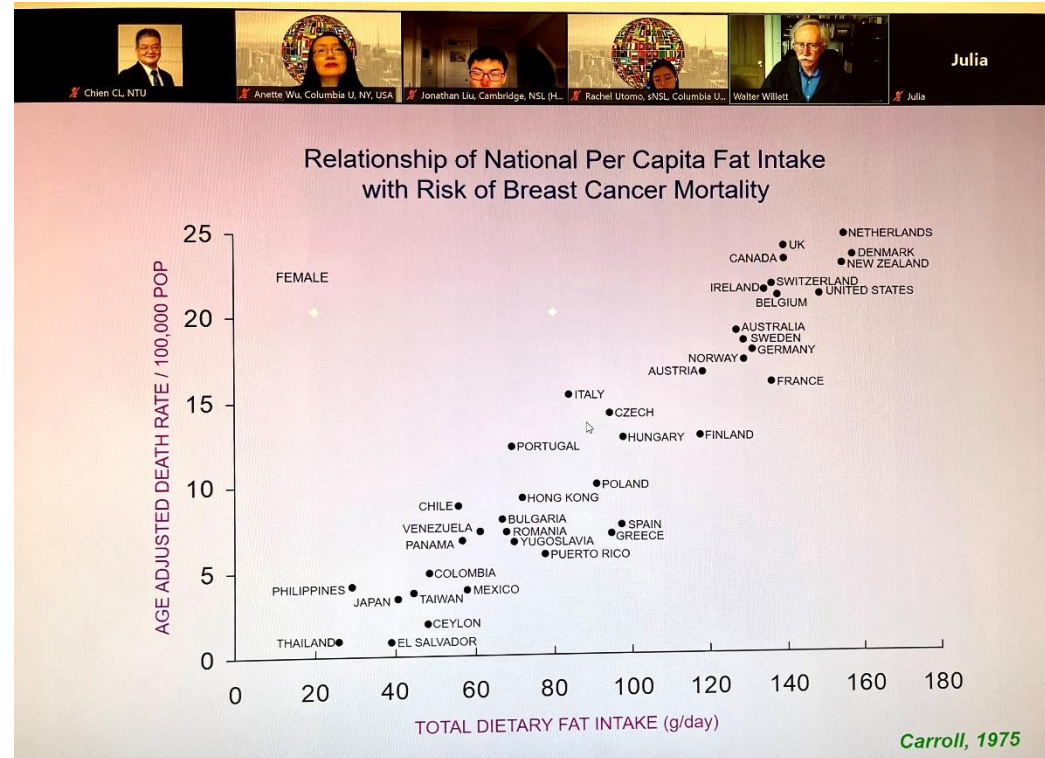
Professor Walter Willett, Harvard University



Diets for Healthy People and our Planet

Walter C. Willett, MD, DrPH
 Department of Nutrition
 Harvard T. H. Chan School of Public Health

March 6, 2022



ICE Program Group Discussion: Euthenasia (2022-03-06)

France


Euthenasia is officially illegal in France...(with specific exceptions)...

Since 2016: law allows doctors to put terminally ill patients into continuous deep sedation (CDS) until death

- Applied when **condition of patient** would lead to a “quick death”
- Applied for patients who are **unable to express their will** (consultation with family members)

However...

- They remain **very specific cases** and the **bureaucracy** is limiting
- *What do we define to be terminally ill patients vs absence of quality of life due to disease?*



United Kingdom



In the UK both euthenasia and assisted suicide are illegal and can be prosecuted as either murder or manslaughter with maximum sentence of life imprisonment.















Despite this patients have access to:

- End-of-life care
- Palliative care

Current legislative proposals in the UK

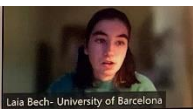
1. **Assisted Dying Bill – England and Wales:** seeks to “enable adults who are terminally ill to be provided at their request with specified assistance to end their own life”
2. **Assisted dying Bill– Scotland:** proposal to allow terminally ill people in Scotland (provided they had lived there for at least 12 months) to end their lives.

 San Francisco, CA, USA PST (UTC -8)	Sun, Mar 6, 2022	6:00 am	●
 New York, NY, USA EST (UTC -5)	Sun, Mar 6, 2022	9:00 am	●
 Montréal, Canada EST (UTC -5)	Sun, Mar 6, 2022	9:00 am	●
 London, United Kingdom GMT (UTC +0)	Sun, Mar 6, 2022	2:00 pm	●
 Berlin, Germany CET (UTC +1)	Sun, Mar 6, 2022	3:00 pm	●
 Vienna, Austria CET (UTC +1)	Sun, Mar 6, 2022	3:00 pm	●
 Copenhagen, Denmark CET (UTC +1)	Sun, Mar 6, 2022	3:00 pm	●
 Milan, Italy CET (UTC +1)	Sun, Mar 6, 2022	3:00 pm	●
 Paris, France CET (UTC +1)	Sun, Mar 6, 2022	3:00 pm	●
 Helsinki, Finland EET (UTC +2)	Sun, Mar 6, 2022	4:00 pm	●
 Taipei, Taiwan CST (UTC +8)	Sun, Mar 6, 2022	10:00 pm	●
 Hong Kong, Hong Kong HKT (UTC +8)	Sun, Mar 6, 2022	10:00 pm	●
 Tokyo, Japan JST (UTC +9)	Sun, Mar 6, 2022	11:00 pm	●
 Sydney, Australia* AEDT (UTC +11)	Mon, Mar 7, 2022	1:00 am	●

ICE Program Group Discussion: Euthenasia (2022-03-06)

Spain



Euthenasia has been **legal since June 2021**. The fight started in 1984 with Carlos Gómez who was a leukemia patient.

Definition: to suffer from a serious and incurable disease or a chronic incapacitating condition that causes an intolerable suffering.

Regulation:

- There is an **evaluation committee** formed of: doctors, nurses and judges.
- The patient must declare its will **on record** four times and must be fully informed.
- The process to approve euthenasia lasts around 40 days.
- Doctors have the right to **conscientious objection**.

Poll: Population (2009): 75% in favour | Doctors (2019): 70% in favour

Taiwan



- When did people in Taiwan start to discuss about euthenasia?
 - In 1963, a 17-year-old girl was diagnosed as being in persistent vegetative state after car accident. Finding out that there was no chance of recovery, her parents started to advocate euthenasia.
- Does euthenasia become legal in Taiwan till now?
 - No. Euthenasia is regarded as "assisted suicide" by Article 275 of the Criminal Code in Taiwan. Though committing suicide is not a crime in Taiwan, **"A person who causes the death of another person upon his request or with his consent shall be sentenced to imprisonment for not less than one year but not more than seven years."**
 - NGOs such as Euthenasia Promotion Association Taiwan (EPAT) still strive to lobby for legality of euthenasia.
- What is permitted in Taiwan nowadays?
 - Do-not-resuscitate (DNR) order
 - Advance Care Planning (ACP) and Advanced Directives (AD): Patients can make a decision for their own course of treatment and discuss with the medical team.
 - **Hospice palliative care** and time-limited trials are the principle of treatment in Taiwan.
- Do people in Taiwan agree with the concept of euthenasia?
 - About 92% of people agreed with making euthenasia legal in Taiwan.

	San Francisco, CA, USA PST (UTC -8)	Sun, Mar 6, 2022	6:00 am	●
	New York, NY, USA EST (UTC -5)	Sun, Mar 6, 2022	9:00 am	●
	Montréal, Canada EST (UTC -5)	Sun, Mar 6, 2022	9:00 am	●
	London, United Kingdom GMT (UTC +0)	Sun, Mar 6, 2022	2:00 pm	●
	Berlin, Germany CET (UTC +1)	Sun, Mar 6, 2022	3:00 pm	●
	Vienna, Austria CET (UTC +1)	Sun, Mar 6, 2022	3:00 pm	●
	Copenhagen, Denmark CET (UTC +1)	Sun, Mar 6, 2022	3:00 pm	●
	Milan, Italy CET (UTC +1)	Sun, Mar 6, 2022	3:00 pm	●
	Paris, France CET (UTC +1)	Sun, Mar 6, 2022	3:00 pm	●
	Helsinki, Finland EET (UTC +2)	Sun, Mar 6, 2022	4:00 pm	●
	Taipei, Taiwan CST (UTC +8)	Sun, Mar 6, 2022	10:00 pm	●
	Hong Kong, Hong Kong HKT (UTC +8)	Sun, Mar 6, 2022	10:00 pm	●
	Tokyo, Japan JST (UTC +9)	Sun, Mar 6, 2022	11:00 pm	●
	Sydney, Australia* AEDT (UTC +11)	Mon, Mar 7, 2022	1:00 am	●

ICE Program Lecture (2022-06-25)

Professor Mark Hardy, Columbia University

Global Surgery: Surgical care for the rest of the World

MARK A HARDY, MD, PhD(Hon), FACS
AUCHINCLOSS PROFESSOR OF SURGERY
Columbia University Vagelos College of Physicians and Surgeon



SELECTED PROBLEMS

- ▶ **SURGICAL DISEASE** – Major Contributor to the Global Health Care Burden
- ▶ **MISSIONS** – Need for Personnel, Equipment, Medications; **WATER & LIGHT**
- ▶ **TRANSPORTATION** – Roads to get Patients in from the Rural areas
- ▶ **TASK SHIFTING** – Training Non-Physicians
- ▶ **BRAIN DRAIN** – Trained Physicians Leave



Supplies and Equipment



Using telemedicine to strengthen medical systems in limited-resource countries

by Rifat Latifi, MD, FACS





2022 ICE Summer Program (2022-07-16)

邀請臺灣大學公衛學院教授、中研院陳建仁院士參與線上演講，介紹臺灣防疫經驗



WIRED25: People Who Are Making Things Better

TSAI ING-WEN, CHEN CHIEN-JEN, AUDREY TANG

Tsai Ing-Wen, Chen Chien-Jen, and Audrey Tang
President, Taiwan, VP (until May 2020), epidemiologist, digital minister

A country's first female president, an epidemiologist as her vep, and a transgender digital minister with anarchist beliefs - together this Taiwanese trio all but eradicated the coronavirus from their homeland. They did so through mask-availability apps, like early travel bans, strict social distancing measures, and real-time mask-availability apps. The country's true key to success though, may be the hard lessons learned from the 2003 SARS outbreak (and the ensuing trust their people now have in their country's institutions).

President Tsai: "It is not the trio, it is the people in Taiwan. Solidarity is the key for the success of COVID-19 containment in our country."

National Team for Mass Production of Mask

Requisition of **73** factories to expand **92** production lines
Average production per day:
1.8 million in January **UP** **21 million** in May 2020

One Planet One Health: Post-COVID Reform for Resilience

Human Health: Ageing population, Precision health, Health equity

Zoonotic Diseases: Urban health, Climate change, Deforestation, Unwise use of resources, International travels, Displacement, Migration

Environmental Health: Available diagnosis and treatment, Health promotion and prevention, Determinants of health, Access to health care, Disease surveillance, Illegal hunting



Animal Health: Vector control, Competition among species, Animal migration, International alliances

ICE Program Lecture (2022-08-13)

Professor Dana Stearns, Harvard University

So, You have been tasked with Anatomy Education Reform; Your Mandate includes a 70% Reduction in Subject Time... Now What?!

Harvard Medical School
Pathways Anatomy Reform: Our Experience

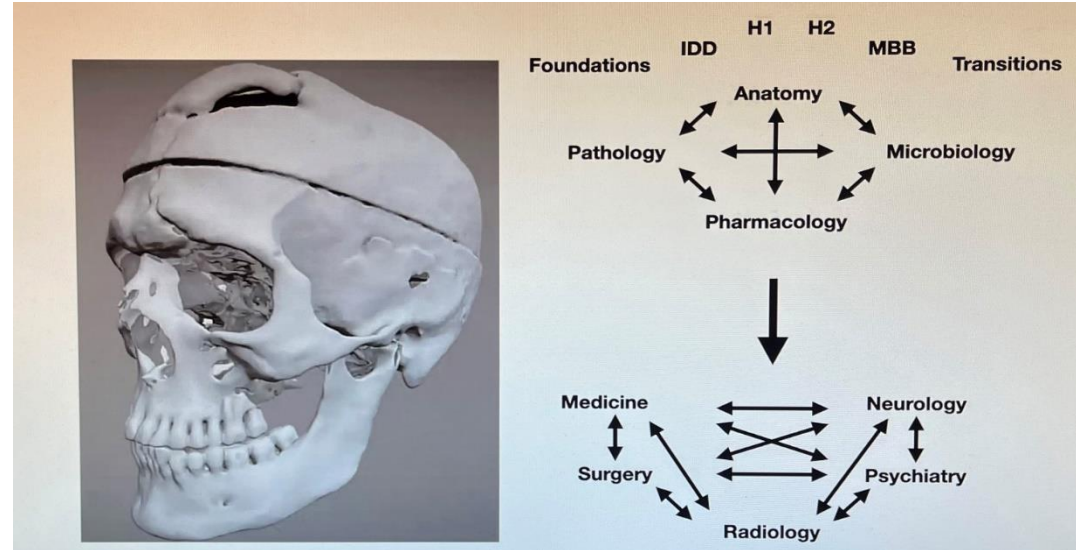



Dana A Stearns MD FACEP
Director, Anatomy Education for Pathways
Assistant Professor of Emergency Medicine, Surgery
Harvard Medical School

Sabrina Hildebrandt MD
Director of Ethics in Anatomy
Associate Professor of Pathiatrics
Harvard Medical School

Kristina Fischer, MD, PhD, MHS
Associate Director, Anatomy Education for Pathways
Assistant Professor of Radiology
Harvard Medical School

1 <https://www.med.harvard.edu/department/pathways/stearnsdanaharvardhapp>



CL, NTU

Dr. Anette Wu, Columbia University... Sabrina Hildebrandt, Boston CHL... Dana Stearns... Kristina Fischer... Yu-Min Kuo, National Cheng Ku...



Student Feedback

WHAT WENT WELL IN THE PHINEAS GAGE CASE DISCUSSION?

Interactive Cranial nerves
Clinical presentation of injury
Normal-Injury comparison

Everything! **3D model** Effective
Engaging **Interesting** Best session
Creativity **Discussion** Consolidate
Visualization Osteology
Structure-Function **Good overview**

N=168


ICE Program Kick off Meeting for the Fall 2022/2023 (2022-10-22)

PEMBROKE COLLEGE


- Third oldest college in Cambridge.
- Eight medics in a year so get to know everybody else very well.
- A pair of peregrine falcons nest atop Pembroke's buildings.



UNIVERSITY OF CAMBRIDGE

UCSF Campuses



Mount Zion

- UCSF Medical Center at Mount Zion
- UCSF Helen Diller Comprehensive Cancer Center
- UCSF Women's Health Center
- Research Labs

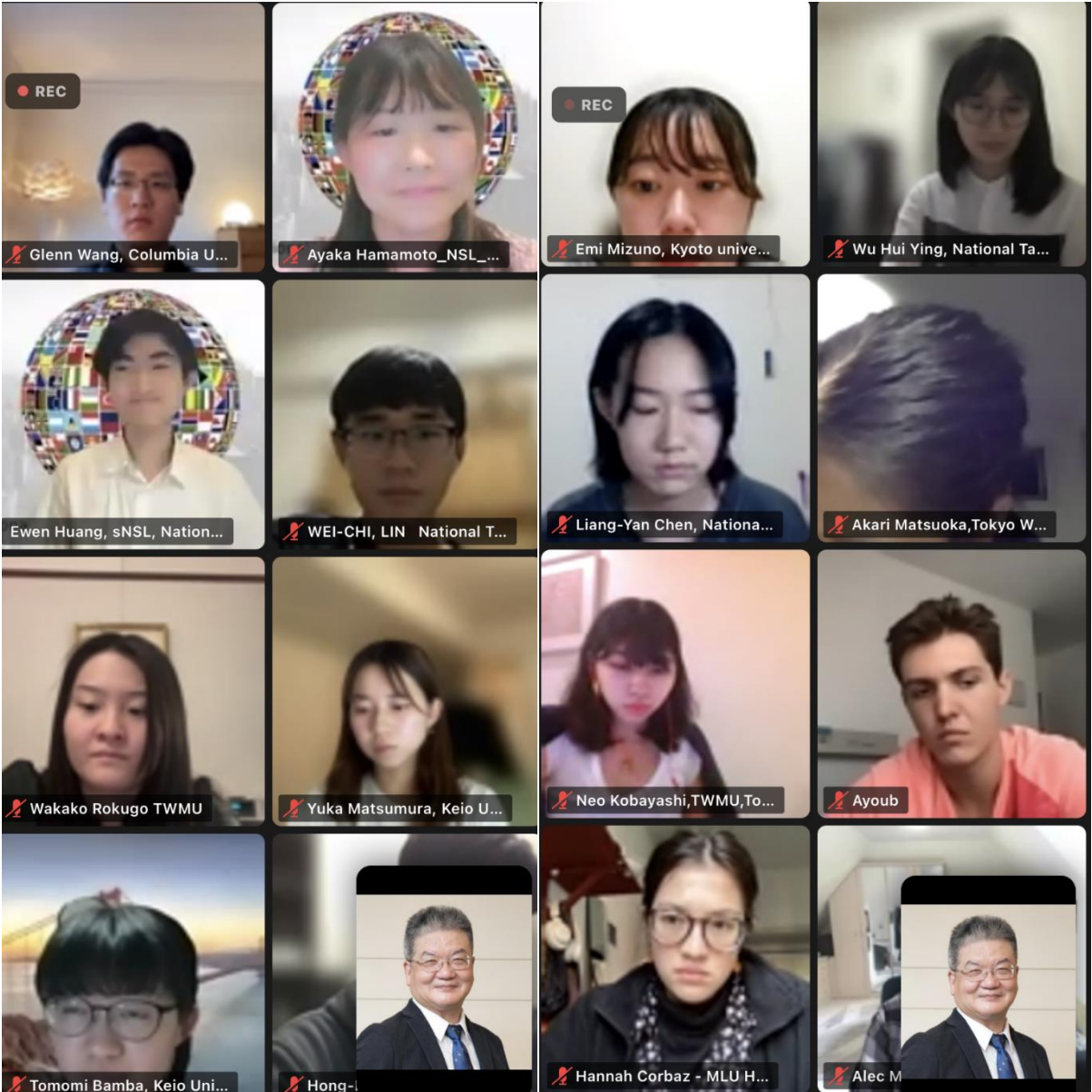
Mission Bay

- UCSF Medical Center at Mission Bay
- UCSF Betty Irene Moore Women's Hospital and UCSF Bakar Cancer Hospital
- UCSF Ron Conway Family Gateway Medical Building
- UCSF Benioff Children's Hospitals
- UCSF Orthopaedic Institute
- Research Labs

Parnassus

- School of Dentistry, Medicine, Nursing and Pharmacy and the Graduate Division
- UCSF Helen Diller Medical Center
- Research Labs

[ucsf.edu]



Participants shown in the video grid include:

- Glenn Wang, Columbia U...
- Ayaka Hamamoto_NSL_...
- Emi Mizuno, Kyoto unive...
- Wu Hui Ying, National Ta...
- Ewen Huang, sNSL, Nation...
- WEI-CHI, LIN National T...
- Liang-Yan Chen, Nationa...
- Akari Matsuoka, Tokyo W...
- Wakako Rokugo TWMU
- Yuka Matsumura, Keio U...
- Neo Kobayashi, TWMU, To...
- Ayoub
- Tomomi Bamba, Keio Uni...
- Hong-
- Hannah Corbaz - MLU H...
- Alec M

Current Columbia ICE Program Partners



INTERNATIONAL COLLABORATION AND EXCHANGE PROGRAM

COLUMBIA
COLUMBIA UNIVERSITY
IRVING MEDICAL CENTER

CHARITÉ
UNIVERSITÄTSMEDIZIN BERLIN

THE UNIVERSITY OF
SYDNEY

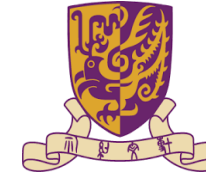


MASSACHUSETTS
GENERAL HOSPITAL

HARVARD
MEDICAL SCHOOL

HELSINGIN YLIOPISTO
HELSINGFORS UNIVERSITET
UNIVERSITY OF HELSINKI

KING'S
College
LONDON



UNIVERSITY OF
CAMBRIDGE

Université
Paris Cité

McGill



UNIVERSITAT DE
BARCELONA

Keio University

MEDIZINISCHE
UNIVERSITÄT WIEN

TW
MU

UNIVERSITY OF NAIROBI

LUDWIG-
MAXIMILIANS-
UNIVERSITÄT
MÜNCHEN



MARTIN-LUTHER-UNIVERSITÄT
HALLE-WITTENBERG

STANFORD
UNIVERSITY



日本京都大學醫學院學術交流心得

医学教育・国際化推進センター主催
医学教育セミナー

Looking Beyond Covid-19: The Healthcare ecosystem in Taiwan



国立台湾大学 錢宗良先生 ご講演



Professor, Department of Anatomy and Cell Biology, College of Medicine, National Taiwan University CEO, Institute for Biotechnology and Medicine Industry, Taiwan.

京都大学と国立台湾大学は、学術・学生交流協定、さらには医学部間に学生交流協定があり、学生の交流が大変盛んな関係です。錢宗良先生は、国立台湾大学におけるICEプログラムの責任者でもあります。今回のご講演は、世界的に注目されている台湾におけるコロナ対応について、そしてコロナ後の台湾におけるヘルスケア産業の現状についてお話しをいただきます。貴重な機会ですので、奮って参加してください。

日時: 2022年9月30日(金) 17時—17時40分

場所: 基礎第一講堂 申込不要

ZOOM同時配信あり

ミーティングID: 882 5310 6919 パスコード: 157493

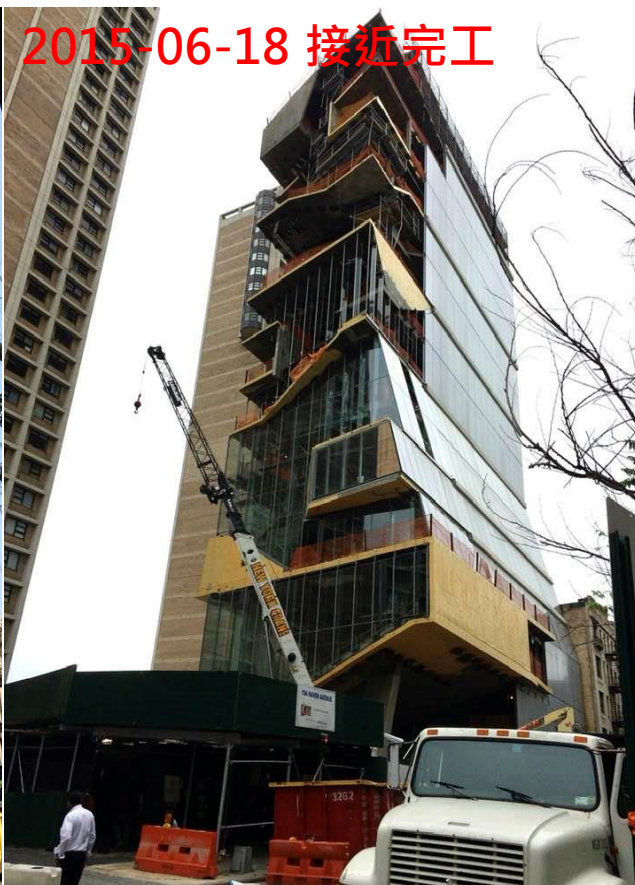
Stay Safe
for Your Stay.
TokyoTokyo



Hosts: Dr. Yukari Yamada, Dr. Akira Yamamoto



由Dr. Anette Wu 的安排，拜會了哥倫比亞大學公衛學院Linda Fried 院長(左圖)、醫學院Jonathan Amiel 副院長(右圖)。交換了許多國際交流的經驗與ChatGPT 促使教師與學生之間的新互動模式。



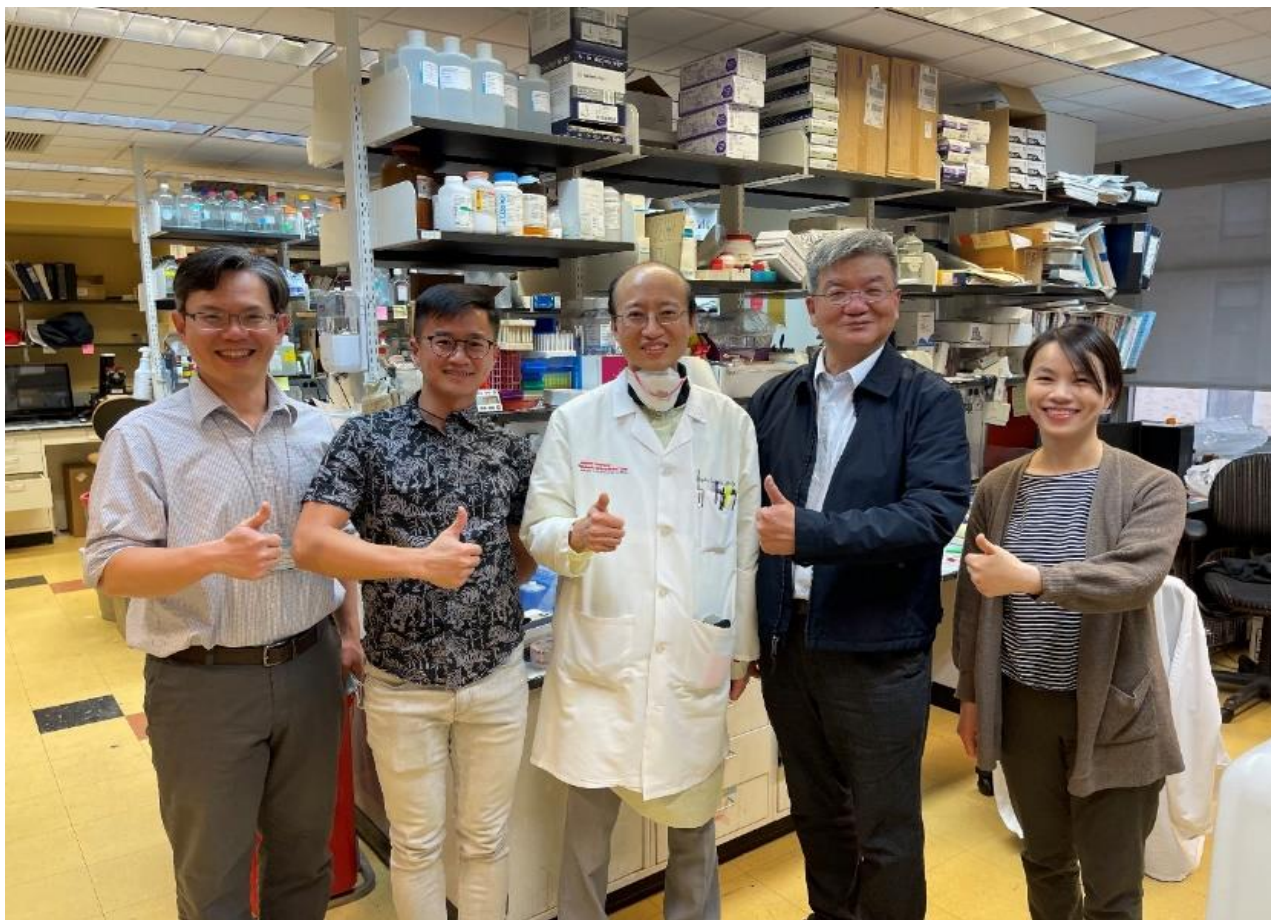
醫學校區最顯著的建築Vagelos Education Center。由 Roy And Diana Vagelos 捐贈給哥倫比亞大學USD \$175 Million。因此在醫學院名稱加上Vagelos College of Physicians & Surgeons。



醫學院臨床技能中心主任 David Deitsch的接待與介紹。與 Dr. Anette Wu 一同參觀了解剖實習室、外科手術模擬操作系統、以及測試學生臨床技能的OSCE設施。



Anatomy Lab: This 20-station Anatomy Lab is a spectacular showcase space used to host advanced surgical labs and curriculum-based task training. Each station has a boom with power, suction, video camera, and 27" monitor. The integrated technology includes microphones, recording capabilities, and a proctor station.



拜會眼科助理教授的王南凱醫師（左一）及研究所時期的同學現任眼科教授Steve Tsang（中）在Steve's Lab中共同與台灣來的兩位研究員一起合影。



與博士論文指導病理學系教授 Ronald Liem 教授合影。

Special Lecture



INTERNATIONAL COLLABORATION AND EXCHANGE PROGRAM

Internationalization of medical education: involving medical student leaders for science diplomacy

Speaker: Anette Wu, MD, PhD, MPH

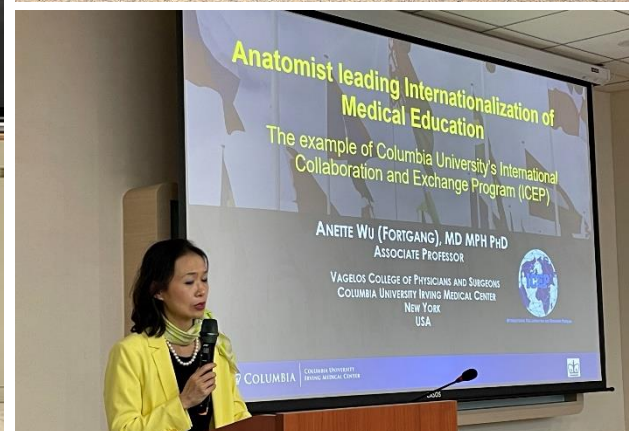
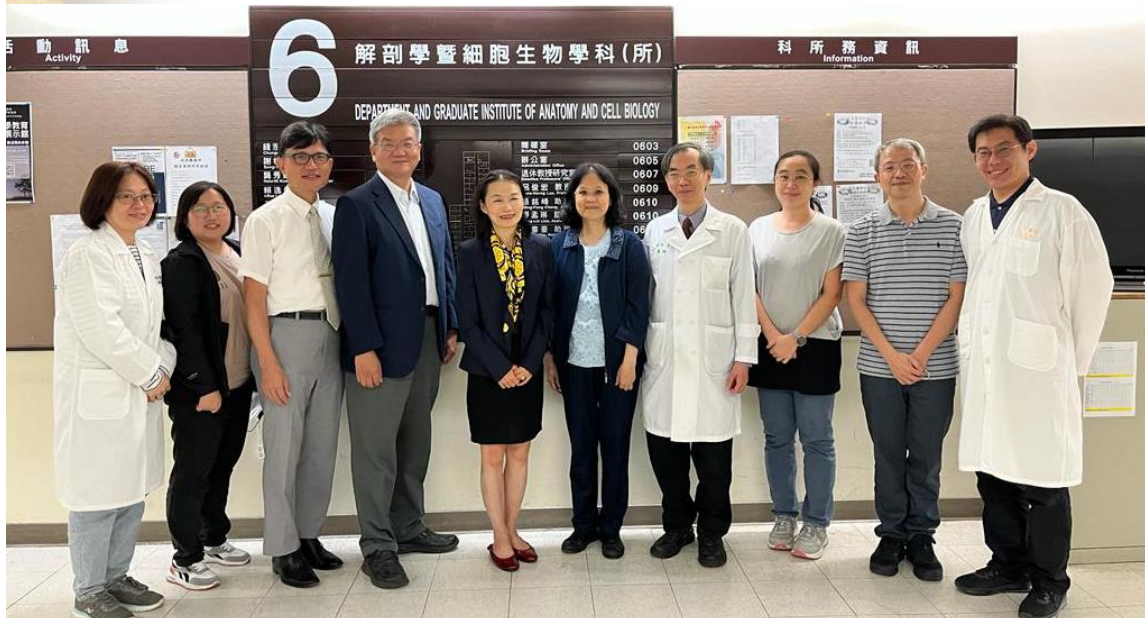
Associate Professor, Columbia University,
Vagelos College of Physicians & Surgeons



Time: 2:00-3:00 pm, June 16, 2023.

Venue: 103 Lecture Hall, College of Medicine

Host: Department of Anatomy and Cell Biology,
College of Medicine, National Taiwan University





HELSINGIN YLIOPISTO
HELSINGFORS UNIVERSITET
UNIVERSITY OF HELSINKI

衛生福利部歐洲生醫健康資料治理訪問團：芬蘭 (I)

June 2023



參觀在赫爾辛基大學內的Institute for Molecular Medicine Finland (FIMM)。由於正逢北歐暑期前夕(Midsummer eve)，校園內大多已提前休假。

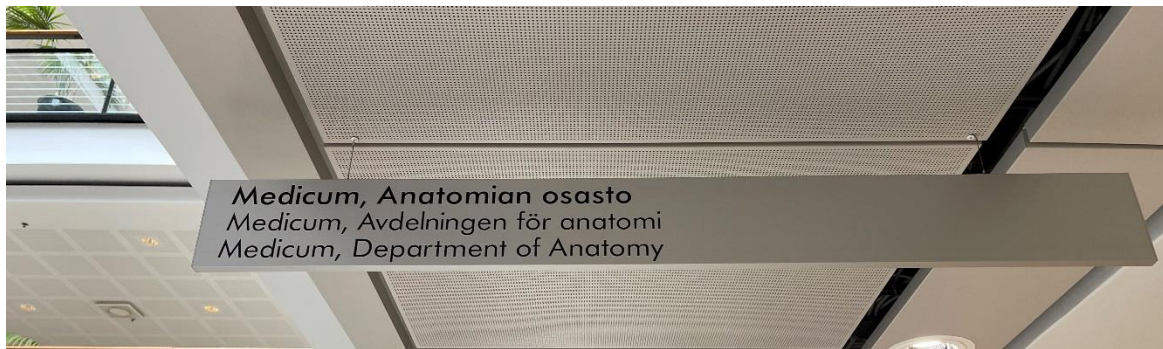
拜會位於赫爾辛基大學校區之FinnGen。由 Professor Aarno Palotie介紹芬蘭BioBank。



HELSINGIN YLIOPISTO
HELSINGFORS UNIVERSITET
UNIVERSITY OF HELSINKI

衛生福利部歐洲生醫健康資料治理訪問團：芬蘭 (II)

June 2023



參觀在赫爾辛基大學醫學院解剖學科系與系主任 Professor Matti Airaksinen 與 Dr. Suvi Viranta 合影。



解剖學上課地點歐洲式的Amphitheater講堂，同學基本上是站著上課。與 ICE Program Partner, Dr. Suvi Viranta 合影。



衛生福利部歐洲生醫健康資料治理訪問團：丹麥 (I)

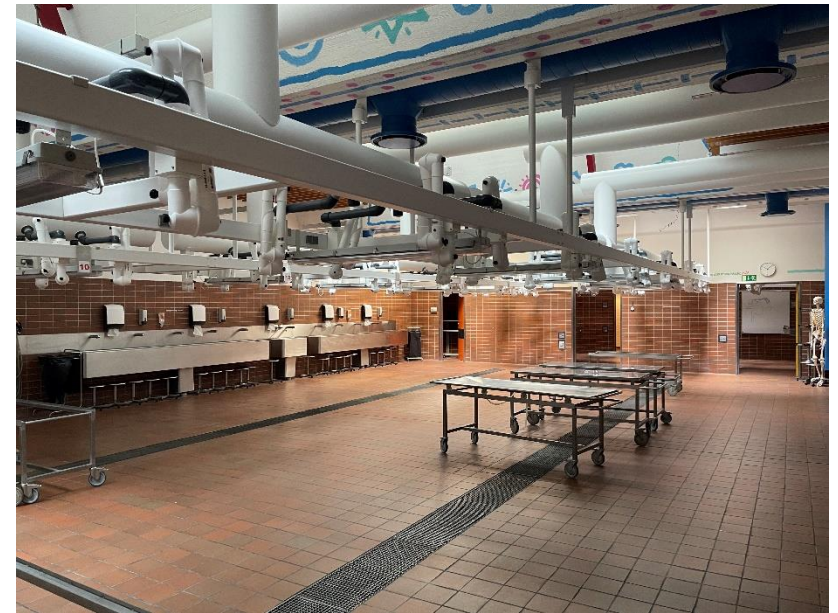
June 2023



哥本哈根大學醫學院街景



拜會 Jørgen Olsen 教授。感謝同為 Columbia ICE Program Partner, Olsen 教授在北歐暑期休假，仍留在校園內接待介紹解剖學相關設施及教學創新之處。



哥本哈根大學醫學院將圖書館改為博物館及解剖學實驗相關設施



International Collaboration And Exchange Program

Preparing global leaders for healthcare



Connect with students from 26 major universities across 5 continents



Attend lectures from leading academics



No tuition or fee



Get international and intercultural experience



Join an optional summer research internship at one of our partner universities

Optional information session

(Details on page 4 under "More?")



Website



Instagram



Sign up!



ICEP Program Elements

Faculty lectures

From leading academics across the world

Small group meetings

Deepen your understanding of topics by exchanging viewpoints with your peers from different countries

Social "meet and greet" networking sessions

Connect with your peers and learn about their academic lives and other cultures

Optional summer program

With international faculty lectures - will deepen your international skills, should you opt to gain international experience without travel

Optional travel component

Participate in a research internship in one of the partner countries while immersed in an academic life abroad.

Furthermore, participate in small group research projects over the summer in person or virtual – under the guidance of an international professor

This program is not a travel placement program. The travel portion is limited to select students only. We are primarily a networking program!

October 2023 **Health Education**

- Medicine And Science**
- Anatomy Teaching**
Dr. Dana Stearns from Harvard Medical School, USA
- Physiology Teaching Platform**
Dr. Mark Dickstein from Columbia University, USA

November 2023 **Health Delivery Systems**

- Leadership**
Dr. Lee Goldman from Columbia University, USA
- International Health Systems**
Dr. Alexander Preker from Columbia University, USA

December 2023 **Public Health**

- Science Of Ageing**
Dr. Matthew Yousefzadeh from Columbia University, USA
- Public Health & Ageing**
Dr. Naoki Ikegami from Keio University, Japan
- Pandemics**
TBD

January 2024 **Global Health**

- Climate and Health**
Dr. Sten Vermund from Yale University, USA
- Global Oral Health**
Dr. Brittany Seymour from Harvard School of Dental Medicine, USA
- Microaggression**
Dr. Mandeep Gill from King's College London, UK

February 2024 **Health Law And Ethics**

- Nazi Germany & Medical Ethics**
Dr. Sabine Hildebrandt from Harvard Medical School, USA
- Introduction to Medical Ethics**
Dr. Mark Mercurio from Yale University, USA
- Rationing Healthcare When Resources Are Tight**
Dr. Sergey Dubrov from University of Kiev, Ukraine

March 2024 **Social Determinants Of Health**

- Nutrition**
Dr. Richard Deckelbaum and Dr. Wahida Karmally from Columbia University, USA

April 2024 **History & Politics Of Medicine**

- Global Mental Health**
Dr. Dinesh Bhugra from King's College London, UK
- Science Diplomacy**
Dr. Jan Lüdert from DWIH, USA
- History of Medicine**
Dr. Daniele Gibelli from University of Milan, Italy

May 2024 **Future Of Medicine**

- Big Data**
Dr. Jeanette Wing from Columbia University, USA
- Final Conference**



International Collaboration And Exchange Program

**Looking forward to
welcoming you to the
ICEP community!**

Website



Instagram



Sign up!

