

出國報告（出國類別：國際會議）

6th Annual CUGH Global Health  
Conference 國際會議

服務機關：國立陽明大學醫學系精神學科

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派赴國家：美國

出國期間：104/3/25-104/4/8

報告日期：104/4/29

## 摘要

6<sup>th</sup> Annual Consortium of Universities for Global Health 大會主題是「Mobilizing Research for Global Health」其中包括 communicable 和 non-communicable diseases。此行主要是報告被接受之論文- The Association between Childhood Educational Attainment and Adult Mental Health and Status: A Thirty-Year Longitudinal Follow Up Study 及參加大會。此外，許多全球大的 funding 機構及 NGOs 也來說明其業務重點及補助方向，集體交流分享與討論當今及未來研究方向。本人除論文報告也參訪哈佛大學校本部、Cambridge China Medical Board 及 Harvard School of Public Health 討論合作研究等學術交流事宜。希望為提昇臺灣研究軟實力持續邁進國際軌道盡一點力。並同時也積極與 Harvard School of Public Health、Cambridge China Medical Board 等學者討論之後亞洲舉辦研討會議題作為未來全球醫學教育改革參考方向。

## 目次

一、目的 .....	3
二、過程 .....	3
三、大會過程照片 .....	3
四、心得及建議 .....	4
五、附錄 .....	4

## 一、目的

本人論文: The Association between Childhood Educational Attainment and Adult Mental Health and Status: A Thirty-Year Longitudinal Follow Up Study 獲得 6<sup>th</sup> Annual Consortium of Universities for Global Health 接受為 poster presentation。此行主要是報告被接受之論文及參加大會。這次大會主題是「Mobilizing Research for Global Health。」有助未來研究 Global Health 有關議題的方向與方法之參考。

## 二、過程

主題包括 communicable 和 non-communicable diseases, 例如 genetics and vaccines, antimicrobial resistance , food security, the drivers of non-communicable diseases, mental health, cardiovascular diseases, and a deep look at improvement science. 也包括如何教育 health professionals 如醫學生、護理人員、及相關研究人員。內容也包括如何保護醫學生、護理人員、及相關研究人員例如在 conflict zones to the Ebola crisis. 此外，許多全球大的 funding 機構及 NGOs 也來說明其業務重點及補助方向，例如 Bill Gates 基金會執行長、世界銀行相關人員，President of Institute of Medicine (IOM), President of China Medical Board 等都出席報告，並在一個特別的 "Big Problems – Big Ideas" 集體交流分享與討論當今及未來研究方向。

## 三、大會過程照片

- ◆ 6th Annual CUGH Global Health Conference 會議旗幟海報及此次大會主席合影



◆ 發表論文海報合影



四、心得及建議

本人除論文報告— The Association between Childhood Educational Attainment and Adult Mental Health and Status: A Thirty-Year Longitudinal Follow Up Study 並與會來自世界各地專家學者交換研究心得與分享，對未來研究方向及方法的思考，得到很多啟發。此行也參訪哈佛大學校本部、Cambridge China Medical Board 及 Harvard School of Public Health 討論合作研究等學術交流事宜。希望為提昇臺灣研究軟實力持續邁進國際軌道盡一點力。並同時也積極與 Harvard School of Public Health、Cambridge China Medical Board 等學者討論之後亞洲舉辦研討會議題作為未來全球醫學教育改革參考方向。

五、附錄

◆ 會議議程



**6th Annual CUGH Conference**  
 Mobilizing Research for Global Health  
 Sheraton Boston Hotel | Boston, Massachusetts  
 March 26 - 28, 2015



## FULL SCHEDULE

**TIME**                      **TITLE**

### WEDNESDAY, MARCH 25, 2015

- 9:00 AM - 1:00 PM              Congratulations On Your International Award! Now What?! (Or, what could I have done differently to better prepare?)!
- 9:00 AM - 4:30 PM              2015 Symposium on Global Cancer Research
- 1:30 PM - 5:30 PM              Global/Local: What Does It Mean for Global Health Educators and How Do We Do It?


### THURSDAY, MARCH 26, 2015

- 9:00 AM - 10:30 AM              Plenary I: The Technology Revolution in Genetics: Relevance to Global Health  
Room: Grand Ballroom
- 10:30 AM - 11:00 AM              Break/Exhibits/Networking
- 11:00 AM - 12:30 PM              DCP3 Essential Surgery Volume Launch  
Room: Fairfax
- 11:00 AM - 12:30 PM              Education, Training, Capacity Building  
Education / Training / Capacity Building
- 11:00 AM - 1:30 PM              Online Training and Educational Games for Malaria Diagnosis and Expert Scoring
- 11:00 AM - 12:30 PM              Education/Training/Capacity Building  
Room: Gardner
- 11:00 AM - 12:30 PM              New Concepts in Vaccine Delivery and Scale Up  
Room: Constitution A
- 11:00 AM - 12:30 PM              Polio's Last Mile: Navigating violence, insecurity and acute mistrust  
Room: Republic
- 11:00 AM - 12:30 PM              Protection of Health Workers in Conflict  
Room: Independent Ballroom
- 11:00 AM - 12:30 PM              Social and Environmental Determinants of Health  
Room: Grand Ballroom
- 11:00 AM - 12:30 PM              Students Meet Plenary I Speakers
- 11:00 AM - 12:30 PM              The Student Services Professional in Global Health: Case Studies in Admissions, Advising, International Education, and Curriculum  
Room: Commonwealth
- 11:00 AM - 12:30 PM              Vaccines for the 21st Century  
Room: Constitution B
- 11:30 AM - 1:00 PM              Communicable Diseases  
Room: Grand Ballroom
- 12:30 PM - 2:00 PM              Lunch and Day 1 Poster Presentations
- 1:00 PM - 2:00 PM              Interest Group Meeting: Evaluation of Global Health Education Programs  
Room: Beacon B
- 2:00 PM - 3:30 PM              One Health: Targeting Emerging Infectious Diseases and Food Security

Security  
Room: Grand Ballroom

3:30 PM - 4:00 PM	Break/Exhibits/Networking	
4:00 PM - 5:30 PM	Combatting Antibiotic Resistance: New Tools at the Point-of-Care Room: Constitution A	
4:00 PM - 5:30 PM	Disaster Preparedness and Response: An All Hazard Approach Room: Independent Ballroom	
4:00 PM - 5:30 PM	Enabling Systems Workshop Room: Commonwealth	
4:00 PM - 5:30 PM	Governance, Management, Economics, Human Rights Governance / Management / Human Rights / Economics	
4:00 PM - 5:30 PM	Governance/Management/Human Rights/Economics Room: Gardner	
4:00 PM - 5:30 PM	Innovations, New Technologies, Improvement Science Innovations / New Technologies / Improvement Science	
4:00 PM - 5:30 PM	Harnessing the Power of Technology to Improve Accountability for Sexual Violence	
4:00 PM - 5:30 PM	Innovations/New Technologies/Improvement Science Room: Grand Ballroom	
4:00 PM - 5:30 PM	Knowing the enemy: Overcoming resistance in pathogens and parasitic worms Room: Constitution B	
4:00 PM - 5:30 PM	Reflections in Global Health: 2015 Trainee Essay Contest Reading and Discussion Room: Fairfax	
4:00 PM - 5:30 PM	Students Meet Plenary II Speakers	
4:00 PM - 5:30 PM	The Challenge of Declining Antibiotic Effectiveness Room: Republic	
5:45 PM - 6:30 PM	Plenary III: Debate 1	

## FRIDAY, MARCH 27, 2015

8:30 AM - 9:30 AM	2015 Gairdner Global Health Awardee Address	
9:30 AM - 11:00 AM	The Drivers of Non-Communicable Diseases Room: Grand Ballroom	
11:00 AM - 11:30 AM	Break/Exhibits/Networking	
11:30 AM - 1:00 PM	Communicable Diseases Communicable Diseases	
11:30 AM - 1:00 PM	Environment and Health: Best Practices in Sustainability Room: Constitution B	
11:30 AM - 1:00 PM	Financing Global Health; Challenges and Innovations Room: Fairfax	
11:30 AM - 1:00 PM	Fogarty International Center Room: Commonwealth	
11:30 AM - 1:00 PM	Global Health Security Room: Fairfax	
11:30 AM - 1:00 PM	Global Non-Communicable Diseases - From Data to Policy Room: Constitution A	
11:30 AM - 1:00 PM	Global Nutrition: Challenges and Opportunities to Address both Under- and Over-nutrition	

Room: Republic

11:30 AM - 1:00 PM Students Meet Plenary IV Speakers



11:30 AM - 1:00 PM Trainee Advisory Committee Workshop  
Room: Independent Ballroom

1:00 PM - 2:30 PM Lunch and Day 2 Poster Presentations

2:30 PM - 4:00 PM Plenary V: Improvement Science: From Theory to Practice  
Room: Grand Ballroom

4:00 PM - 4:30 PM Break/Exhibits/Networking

4:30 PM - 6:00 PM Context really does matter - improvement science at the frontlines

4:30 PM - 6:00 PM Effective Models to Address Current HRH Challenges in Resource-Limited Settings (A Special Focus on Nursing in Malawi and Medicine in Uganda)  
Room: Commonwealth

4:30 PM - 6:00 PM Health Research Priorities to Achieve the Sustainable Development Goals (SDGs)  
Room: Gardner

4:30 PM - 6:00 PM Non-Communicable Diseases  
Non-Communicable Diseases & Injuries



4:30 PM - 6:00 PM Non-Communicable Diseases & Injuries  
Room: Grand Ballroom

4:30 PM - 6:00 PM Overview of the CUGH Education Committee, its Sub-Committees and Current and Future Activities  
Room: Independent Ballroom

4:30 PM - 6:00 PM Proposal for a session on Maternal and Child Health post-2015: implications for academic and research organizations  
Room: Gardner

4:30 PM - 6:00 PM Students Meet Plenary V Speakers



4:30 PM - 6:00 PM The Science of Improvement: What it Means for Global Health  
Room: Constitution A

4:30 PM - 6:00 PM Too Dignified to Criticize: What GH professionals do right (and wrong) when working with in-country health professionals: LMIC panel speaks out  
Room: Constitution B

6:30 PM - 8:00 PM Film Festival and Pulitzer Shorts

## SATURDAY, MARCH 28, 2015

9:45 AM - 10:00 AM Break/Exhibits/Networking

10:00 AM - 12:00 PM Plenary VI: Big Problems - Big Ideas  
Room: Grand Ballroom

12:00 PM - 1:00 PM Lunch

1:00 PM - 3:00 PM Epidemic Ebola: Looking Back, Lessons Learned, Looking Ahead  
Room: Grand Ballroom

3:00 PM - 3:15 PM Summary and Closing

3:15 PM - 5:00 PM Making the Leap: From Scientific to Public Understanding



◆ 議場主題



Consortium of Universities for Global Health



## Consortium of Universities for Global Health 6<sup>th</sup> Annual Conference

*Mobilizing Research for Global Health*  
Sheraton Boston Hotel | Boston, Massachusetts  
March 26 – 28, 2015  
*with Special Satellite Sessions March 25, 2015*



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Join us at this important global health conference to learn, network, and build collaborations with colleagues from around the world. This important meeting will bring together over 1,500 researchers, students, policymakers, NGO's, public and private organizations. Diverse fields include medicine, engineering, business, law, communications, nursing, dentistry, veterinary sciences, environmental studies, social sciences, and more will be represented.

**SPECIAL THEMES**

<ul style="list-style-type: none"> <li>Technology Revolution in Genetics, Relevance to Global Health</li> <li>One Health: Emerging Infections and Food Security</li> <li>Drivers of Chronic Non-Communicable Diseases</li> <li>Improvement Science: From Theory to Practice</li> <li>Big Problems – Big Ideas</li> <li>Ebola: Looking Back, Lessons Learned, Looking Forward</li> </ul>	<ul style="list-style-type: none"> <li>Protection of Health Workers in Conflict</li> <li>Environment and Health: Best Practices in Sustainability</li> <li>DCP3: The Essential Surgery Volume</li> <li>Disaster Preparedness and Response</li> <li>Special Student Sessions</li> <li>Social and Environmental Determinants of Health</li> <li>Innovations in Health Economics</li> </ul>
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**SESSION HIGHLIGHTS**

<ul style="list-style-type: none"> <li>Plenary Debate</li> <li>2015 Gairdner Global Health Awardee Address</li> <li>Student/Plenary Speaker Meet and Greet</li> <li>Global Health Film Festival in conjunction with the Pulitzer Center on Crisis Reporting</li> <li>Workshops on Education, Research, Communication, and Advocacy</li> </ul>	<ul style="list-style-type: none"> <li>Global Cancer Research – National Cancer Institute – <b>Registration Closed</b></li> <li>Global/Local: What Does It Mean for Global Health Educators and How Do We Do It?</li> <li>Pulitzer Center Communications Workshop</li> <li>Poster Sessions/Networking Events</li> </ul>
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**ORAL ABSTRACTS**  
will be published by:

**THE LANCET Global Health**

**SELECTED POSTER ABSTRACTS**  
will be published by:

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p. 1/2

◆ 海報內容摘要

**The Association between Childhood Educational Attainment and Adult Mental Health and Status: A Thirty-Year Longitudinal Follow Up Study**

**Priya Krishnarao, Russell Kosik, Angela Fan**

**Address Correspondence to: Angela P. Fan, National Yang-Ming University**

**[fan\\_angela@hotmail.com](mailto:fan_angela@hotmail.com)], 886-937-190763.**

**Abstract**

**Aims:** Using a longitudinal birth cohort from birth to age 30, we investigated the association between childhood educational attainment and adult status achievement, including mental health in a predominantly African-American inner city population.

**Methods:** 1,820 infants (born between 1960-65) were followed prospectively as part of the Collaborative Perinatal Project (CPP) and the Johns Hopkins Pathways to Adulthood Study, with multiple observations of development and an extensive adult interview. Childhood intelligence and educational ability were measured using the Wechsler's Intelligence Test (WISC) and the Wide Range Achievement Test (WRAT) at age 7. Adult mental health was measured with the General Health Questionnaire (GHQ) when the infants reached age 27-33. During the adult follow up interview, status achievement data was collected including employment, personal income, and education.

**Results:** There was a significant association between age 7 WRAT scores and adult mental health ( $p<0.05$ ), years of school completed ( $p<0.001$ ), personal income ( $p<0.01$ ), and employment status ( $p<0.05$ ). After adjustment for potential confounders there were strong associations between childhood IQ and all status achievement variables ( $p<0.001$ ) but no association between childhood IQ and adult mental health.

**Conclusions:** There is a significant association between childhood education and adult mental health and status achievement more than 25 years later. Poor performance on the WRAT significantly predicts outcomes as an adult, both in terms of mental health and status achievement.

**Key Words:** CPP, WRAT, WISC, Childhood Education