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Empowering Women Distinguished Lecture:

Pros and cons of being a female, engineering Ph. D

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Education Background

- 06/16/2008 – Present
 - Research Scientist, Fujitsu Labs of America, Richardson, TX
- 08/2005 – 06/15/2008
 - Assistant Professor, Arizona State University, Phoenix, AZ
- 12/2000 – 08/2005
 - Ph.D. in Computer Science, University of Texas at Dallas, Richardson, TX
- **Awards**
 - 2H FY'13, 2H FY'14 FLA special award (NSIG)
 - Fujitsu Labs President's Award for 2011 & 2015
 - Received 3 best paper awards in
 - IEEE GLOBECOM 2005
 - IEEE ONDM 2010
 - IEEE ICC 2011

We Are Special



Doctoral Degrees, By Field and Gender, 2012			
Field	Male	Female	Females per 100 Males
Arts and Humanities	46.4%	53.6%	115.5
Biological, Agricultural Sciences	47.6%	52.4%	110.1
Business	56.8%	43.2%	76.1
Education	32.4%	67.6%	208.6
Engineering	77.8%	22.2%	28.5
Health Sciences	29.2%	70.8%	242.5
Mathematics and Computer Sciences	74.8%	25.2%	33.7
Physical Sciences	66.6%	33.4%	50.2
Public Administration	43.6%	56.4%	129.4
Social, Behavioral Sciences	38.9%	61.1%	157.1
Other Fields	46.4%	53.6%	115.5
Total	47.8%	52.2%	109.2

Source: Council of Graduate Schools

- For the fourth year in a row, women in 2012 earned a majority of doctoral degrees
- Only 22 percent of engineering doctorates were awarded to women, and only 25 percent in mathematics and computer science

Prepare to answer the question:

"You are a beautiful lady! Why do you want to get a Ph. D degree?"

Pros

- Short term pain, long term gain
- Job search
- Job security
- We are more creative
- We are quick learner
- We improve team performance
- We are more confident



"Confidence is the most beautiful thing a women can wear"
- Blake Lively

- **Negotiation**
- **Balance work and life**
- **Less appreciated in a male-dominated industries**

Women are far less likely than men to negotiate at work, which typically costs women more than half a million dollars in earnings over the course of their respective careers - *Women Don't Ask*.

"If you quit, you are a loser" - My mother-in-law

Some Tips to be Successful and Happy

- Appreciation
- Collaboration
- Be strategic in work

- Communicate clearly
- Marketing yourself and your research
- Think and talk positive

- Reward ourselves: I deserve it!
- Help others without expectation of return
- I make myself peaceful and happy



Google's People Operations Analytics team recently found that being grateful and expressing it can be the secret weapon to workplace happiness and to warding off the malaise that can come with routine.

My Hobby: Original Point Medicine

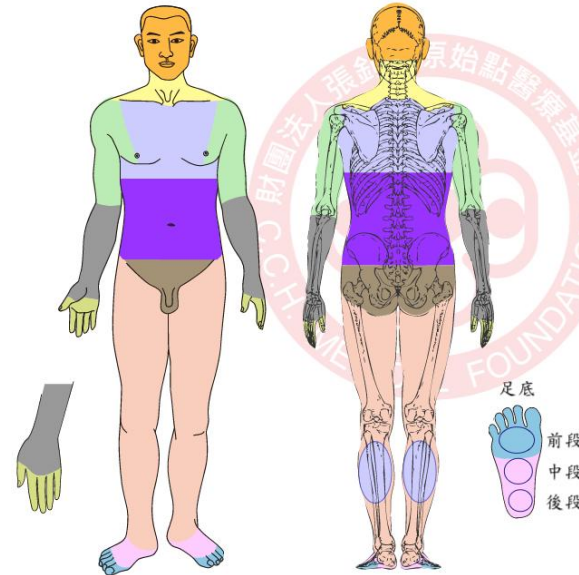


財團法人
張釗漢原始點醫療基金會

解決當代人所有的病苦，
為後人留下一條活路。
只要人類的病苦一天未能消除，
我們的努力就一天不會停歇！

<http://cch-foundation.org>

人體原始點動畫圖



點擊症狀出現部位的顏色
以參考原始點處理方法

症狀出現部位的顏色 及應該按推的原始點	
橘	請按頭部原始點
黃	請按頸部原始點
淡紫	請按上/下背部原始點
綠	請按肩部原始點
棕	請按薦椎原始點
淡橘	請按臀部原始點
粉紅	請按踝部原始點
藍	請按足背部原始點
灰	請按肘部原始點
黃綠	請按手背部原始點

五臟六腑處理方式一覽表

- 點這裡看原始點醫學操作手法的前言
- 點這裡看原始點醫學操作手法的工具

- Serves as a volunteer since 2012
- Practice and help people who suffers pain, on Saturday mornings (except holiday weekends)
- Many real cases for helping patients to recover from cancer and other diseases, even who were given up by medical doctors
 - See <http://cch-foundation.org/>, 最新案例 (Sorry, it is a Chinese website)

My Favorite Movie



ONE WITH THE WIND



Thank you!

Questions?