



## Schedule of Events

5:00 – Welcome (Dr. Trinkle)

5:05 – Poland (Spencer Lovegrove, Steven Crane)

5:15 - France (Sahal Thahir, Andrew Gaddis)

5:25 – Korea (Ellen Hammett, Harrison Wade, and Quan Phung)

5:35 – Peru (Andrew Ziman, David Barton)

5:45 – Taiwan Presentation (Lamvy Le, Raymond Chang)

5:55 – Brazil (Andrew Hanna, by Sahal Thahir)

6:05 – Q & A (please hold all questions until the end)

6:15 – Closing Remarks (Dr. Trinkle)

6:20 - Reception in the Café/Atrium





# Welcome!

#### The International Rotations Program:

- To promote social and cultural understanding of international health care models and systems as well as the specific needs and challenges of different international communities through collaborative rotations in locations throughout the world.
- All International Student exchanges will be undertaken in service to the VTCSOM overall mission of educating and graduating physician thought leaders who will have a broad, empathic, and culturally aware world view of their role as a physician.
- This will include a significant understanding of health care practices in various systems that are facing differing needs both clinically and financially.
- Students will be encouraged to work as part of interprofessional health care teams and to participate in international electives that align with their career interests and desire for community service.





#### Sites

- Florianopolis, Brazil
- Rio de Janeiro, Brazil
- Berkeley Simulation Center
- Entropia
- St. Lo, France
- Quetzaltenango (Xela), Guatemala
- Trujillo, Peru

- Wrocław, Poland
- · Kazan, Russia
- Wonju, South Korea
- Kaohsiung, Taiwan
- New Taipei, Taiwan
- Katmandu, Nepal





# Wrocław, Poland

**Steven Crane and Spencer Lovegrove** 



## **Personal Goals**

- Learn about the advantages and disadvantages of their healthcare system.
- Learn about the health challenges that Poland faces.
- Learn about the culture and history of Poland

# **Clinical Experience**

- Access available regardless of income level
- Long wait times for specialists...months to over a year
- · Less privacy for patients, shared rooms with curtains
- · Less concern for patient modesty
- Sterile Technique seemed to be different
- Do not wear your scrubs to the hospital! Change into them there and then change again into your OR scrubs and shoes.
- Had most of the modern technologies...Brainlab, US, Hybrid Room...just more limited in the number.
- More aware of the costs associated with medications, technologies, procedures, etc...
- Anesthesiologists split time between the OR and ICU (training is 4 years OR + 2 of critical care)





#### **Medical Education**

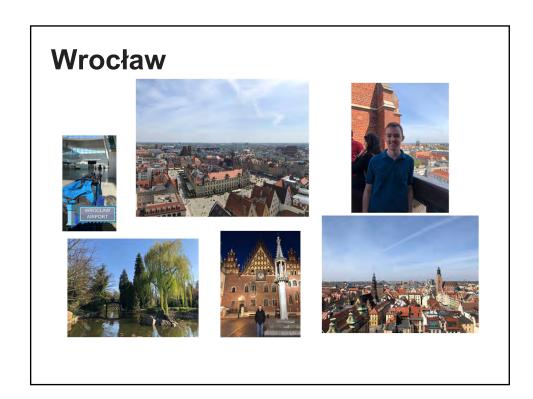
- Take a test in high school to get into medical school.
- Medical school is 6 years → 1 year internship → 5-7 years residency
- The medical school has an english division. Many students who could not get into medical school in their home country will study in Poland.





# **Challenges they Face**

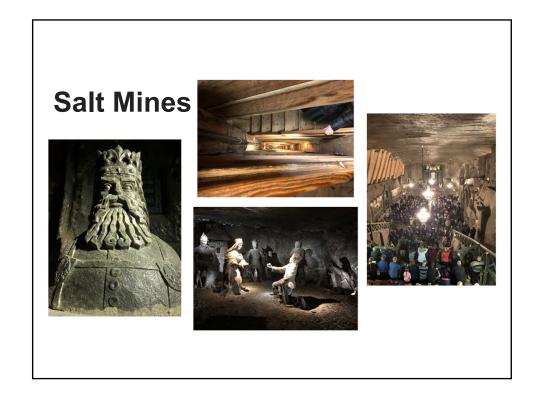
- Many people smoke...
- Many people drink...
- Many patients do not see doctors until they are severely ill
- Physicians feel overworked and underpaid → Many are leaving the country for better opportunities
- Resources are limited













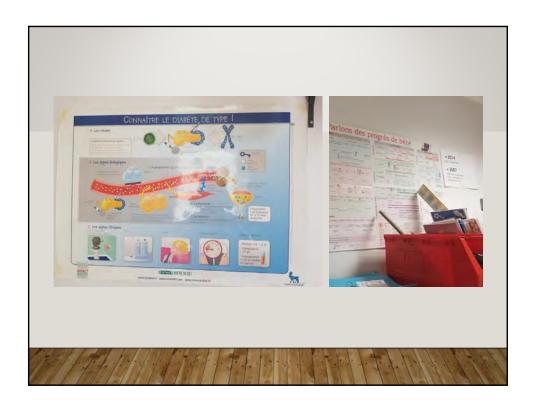






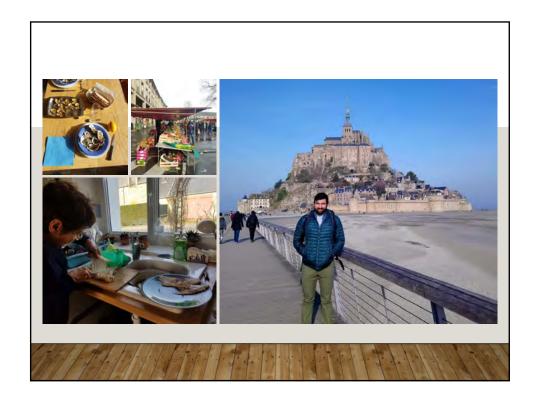




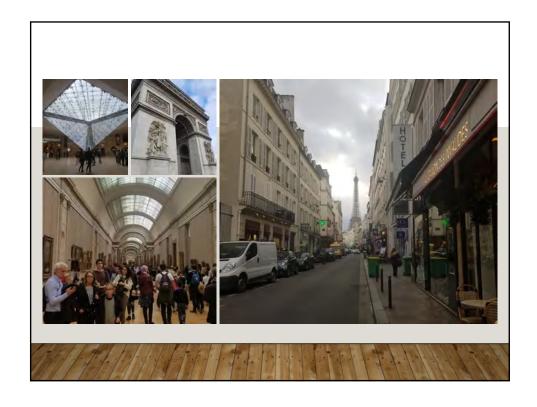
















Ellen Hammett: February 2019 Quan Phung and Harrison Wade: April 2019

#### **Background**

- Population of ~350,000
- College and hospital founded by missionaries in early 1900s
- Dr. Young Kim, a surgeon who trained in Roanoke, suggested establishing sister cities
  - o Population, coal industry, mountains



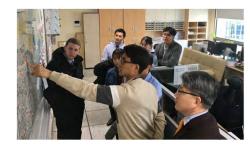




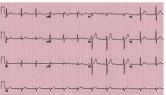


### **Clinical Experiences**

- Cardiology
- Infectious Disease
- Hematology & Oncology
- Psychiatry















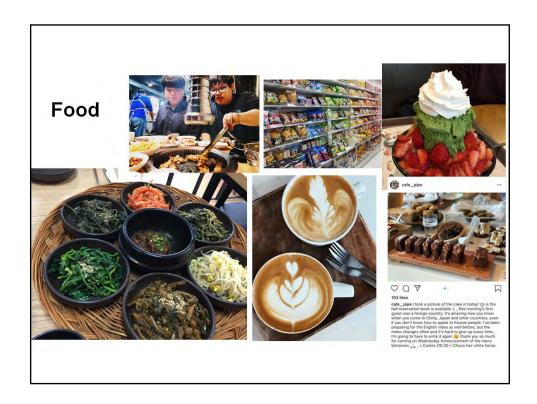
#### **Differences in Healthcare**

- National Health Insurance
  - o Universal coverage in 1989
  - o 2000 National Health Insurance Service created
  - o 2004 Single Payer
- Cost affects treatment decisions
  - o Cardiology, PCI with no stress test
- Downsides
  - o Slow to change reimbursement
  - o Enzalutamide
    - Androgen receptor inhibitor, prostate cancer



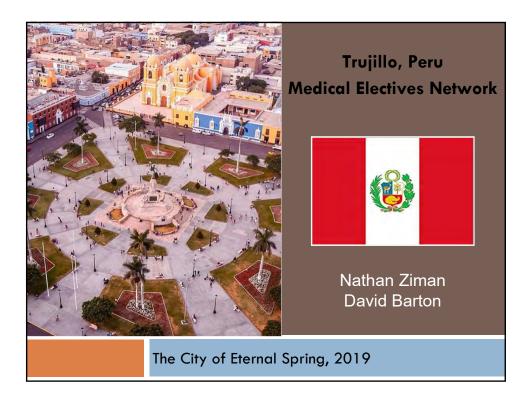


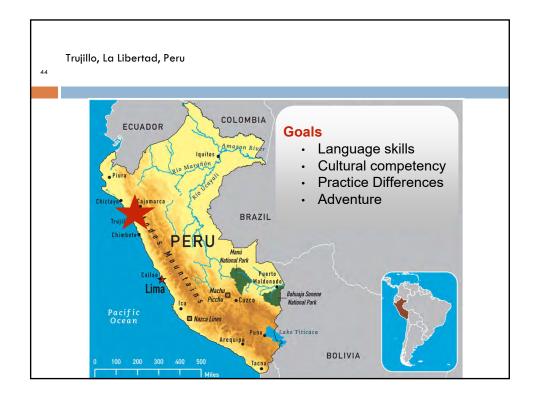






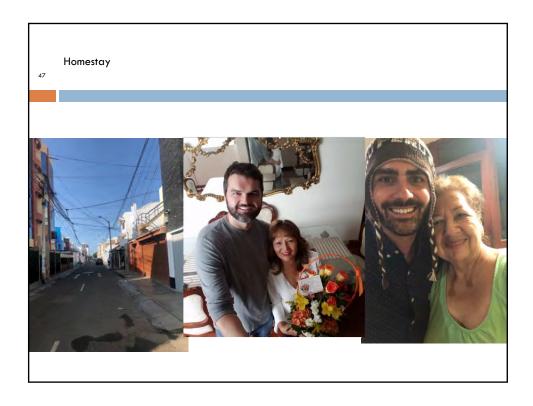






















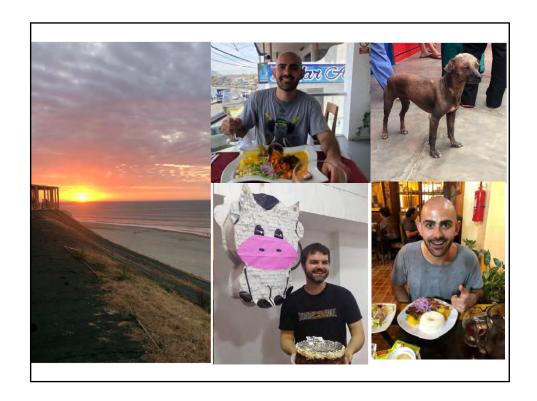
















# **Taiwan**

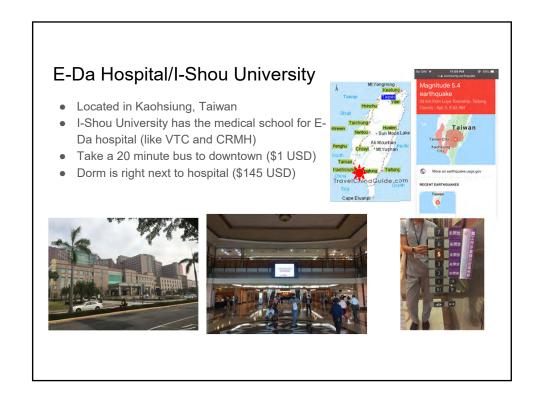
# E-Da Hospital I-Shou University

Raymond Chang and Lamvy Le April 2019

#### Outline

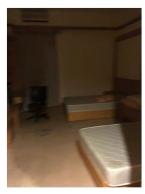
- 1. Taiwan information
- 2. Site information
- 3. Traditional Chinese Medicine basics
- 4. TCM physical
- 5. TCM treatments
- 6. Plastic Surgery
- 7. Extracurriculars





#### Dorm

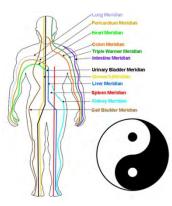


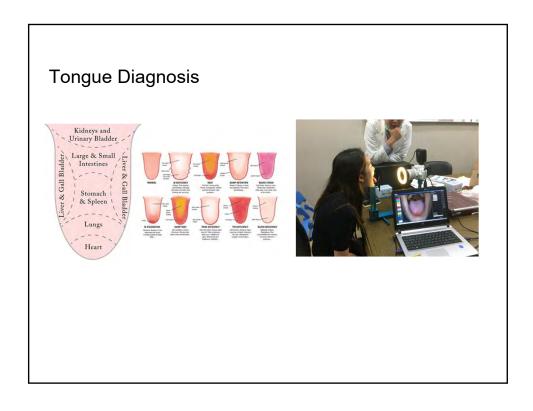


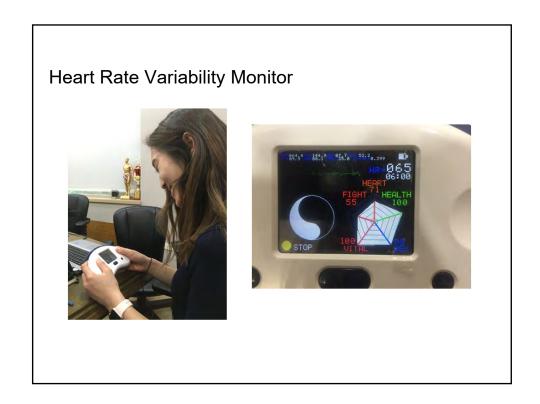


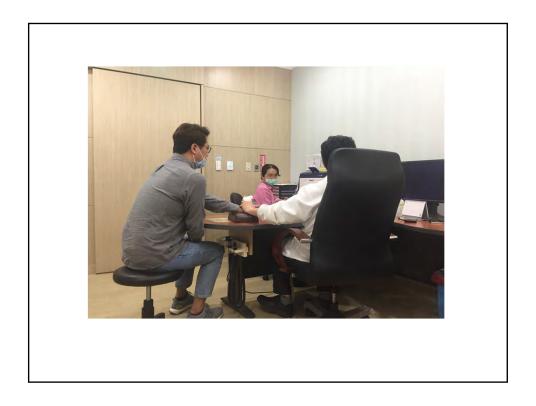
#### **Traditional Chinese Medicine**

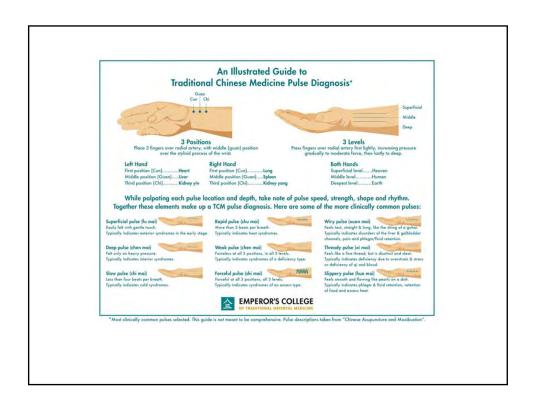
- Based off of Qi and Yin/Yang theory
  - o BALANCE
- Disease states are based off Qi excess and deficiency
- Treatments to increase/decrease Qi
  - Maneuvers: Acupuncture, Tai Chi, Cupping, Moxibustion, Gwa Sah
  - o Medicine: Herbs, plants, animals







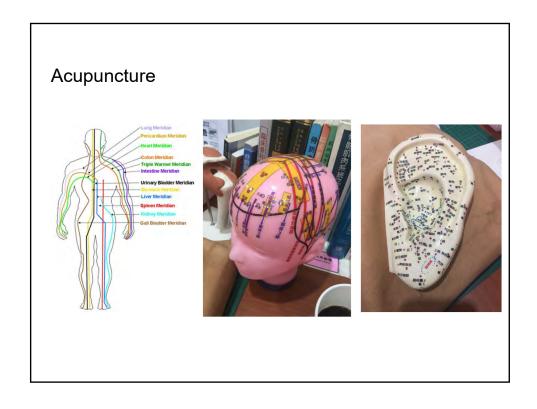




# Cupping



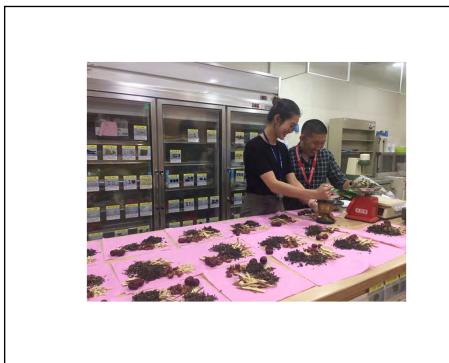








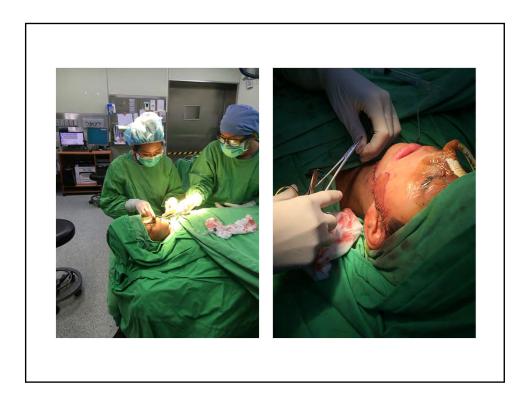










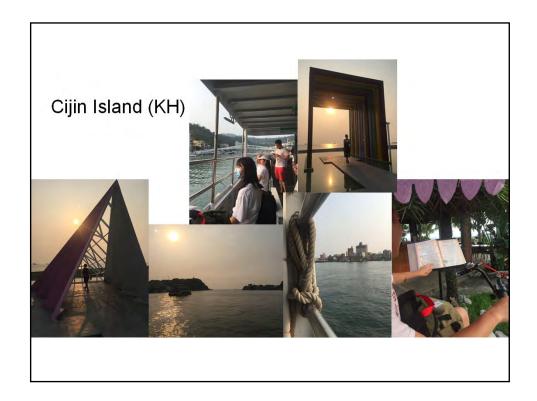






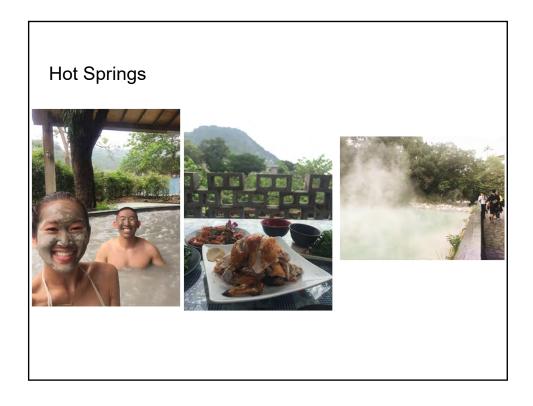
















## Conclusion

- Learn about TCM which is a growing field of medicine in the states
- Observe healthcare in a universal healthcare setting
  - Less waste
  - More efficient
- The paperwork is not that difficult or long
- \$1500 Scholarship
- First world amenities, third world prices
- FANTASTIC FOOD
- Taiwan is incredibly safe; Taiwanese people are really nice
- Once in a lifetime experience that you'll remember for the rest of your life















