International Electives Forum 2019

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
• Wroclaw, Poland
• Kazan, Russia
• Wonju, South Korea
• Kaohsiung, Taiwan
• New Taipei, Taiwan
• Katmandu, Nepal
Wrocław, Poland

Steven Crane and Spencer Lovegrove
Overview

Where? Wroclaw Medical University in Wroclaw, Poland.

- Poland's 4th largest city
- Fun Fact: Has changed hands multiple times in its history. Formerly Breslau, Germany.

Doing what? Anesthesia and Ophthalmology

When: April 1st-25th

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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

Wrocław
Książ Castle

Kraków
Auschwitz

Salt Mines
Dzięki!

SAINT- LO

SAHAL THAHIRE
ANDREW GADDIS
SAINT LO

“THE CAPITAL OF RUINS”
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
  - Population, coal industry, mountains
Clinical Experiences: OB/GYN Clinic

Clinical Experiences: OB/GYN OR
Clinical Experiences

- Cardiology
- Infectious Disease
- Hematology & Oncology
- Psychiatry

Cultural Experiences
Similarities in Healthcare Education

Differences in Healthcare Education
Differences in Healthcare

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

Social Experiences
Social Experiences-Food

Food
International Experience Forum 2019

Sightseeing

Thank you! Kamsahamnida 감사합니다
Goals

- Language skills
- Cultural competency
- Practice Differences
- Adventure
Facets of Program

- Language school
- Homestay
- Clinical Rotation
- Health Campaigns

MEDICAL ELECTIVES

MEDICAL SPANISH
CME accredited course taught at all levels by doctors and language teachers

- Conversation
- Grammar
- Vocabulary
- Medical Spanish
Differences in Healthcare

1. Paper charts: Less administrative burden = more patient time + more down time
2. Family has lesser role in the healthcare team
3. “Standard Precautions” not standard
4. “Farmacias”: over-treatment and mistreatment
MEDICAL CAMPAIGNS
Community health fairs and surgical missions with international NGO teams.
Adventures Around La Libertad
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
Taiwan Fun Facts

- Population: 23 million
- Size: small
- Currency: 32 NTD = 1 USD
- Language: Mandarin Chinese (traditional) and Taiwanese (spoken language)
- National Healthcare System
- Is Taiwan part of China???

E-Da Hospital/I-Shou University

- Located in Kaohsiung, Taiwan
- I-Shou University has the medical school for E-Da hospital (like VTC and CRMH)
- Take a 20 minute bus to downtown ($1 USD)
- Dorm is right next to hospital ($145 USD)
Traditional Chinese Medicine

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

Heart Rate Variability Monitor
Cupping
Acupuncture
Pharmacy
Plastic Surgery
Day Trips
Yide Night Market (KH)

Liuhe Night Market (KH)
Rueifong Night Market (KH)

Cijin Island (KH)
Kenting
Beach! Reefs! Mopeds!

Tainan
Best food and cultural center of Taiwan
Hot Springs
Food

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
Bottom Line

The Taiwan rotation is the best four weeks in the history of all medical schools.

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FLORIANÓPOLIS
A ILHA DA MAGIA

Andrew Hanna
MS4
Florianopolis Explorer
List of countries by traffic-related death rate