

# THE GORGAS COURSE IN CLINICAL TROPICAL MEDICINE 2021

Jointly sponsored by:

The University of Alabama at Birmingham (UAB): Gorgas Center  
for Geographic Medicine, Division of Infectious Diseases and  
Division of Continuing Medical Education

Universidad Peruana Cayetano Heredia (UPCH): Instituto de  
Medicina Tropical Alexander Von Humboldt

Cutaneous Larva Migrans



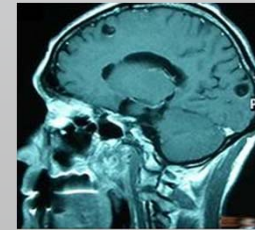
Buruli Ulcer



Snake bite



Cysticercosis



Leprosy



Brucellosis



# ORIENTATION MEETING AGENDA

1. Introductions
2. General overview of the AvH Tropical Medicine Institute
3. Course objectives and course perspective
4. Course format and activities
5. Evaluations: exams, quizzes
6. Accreditation

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# INTRODUCTIONS

1. Name
2. Country, City, State/Province
3. Institution or employer affiliation(s)
4. Medical or other specialty
5. Job title (if applicable)
6. Why are you here?

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# INSTITUTO DE MEDICINA TROPICAL ALEXANDER VON HUMBOLDT



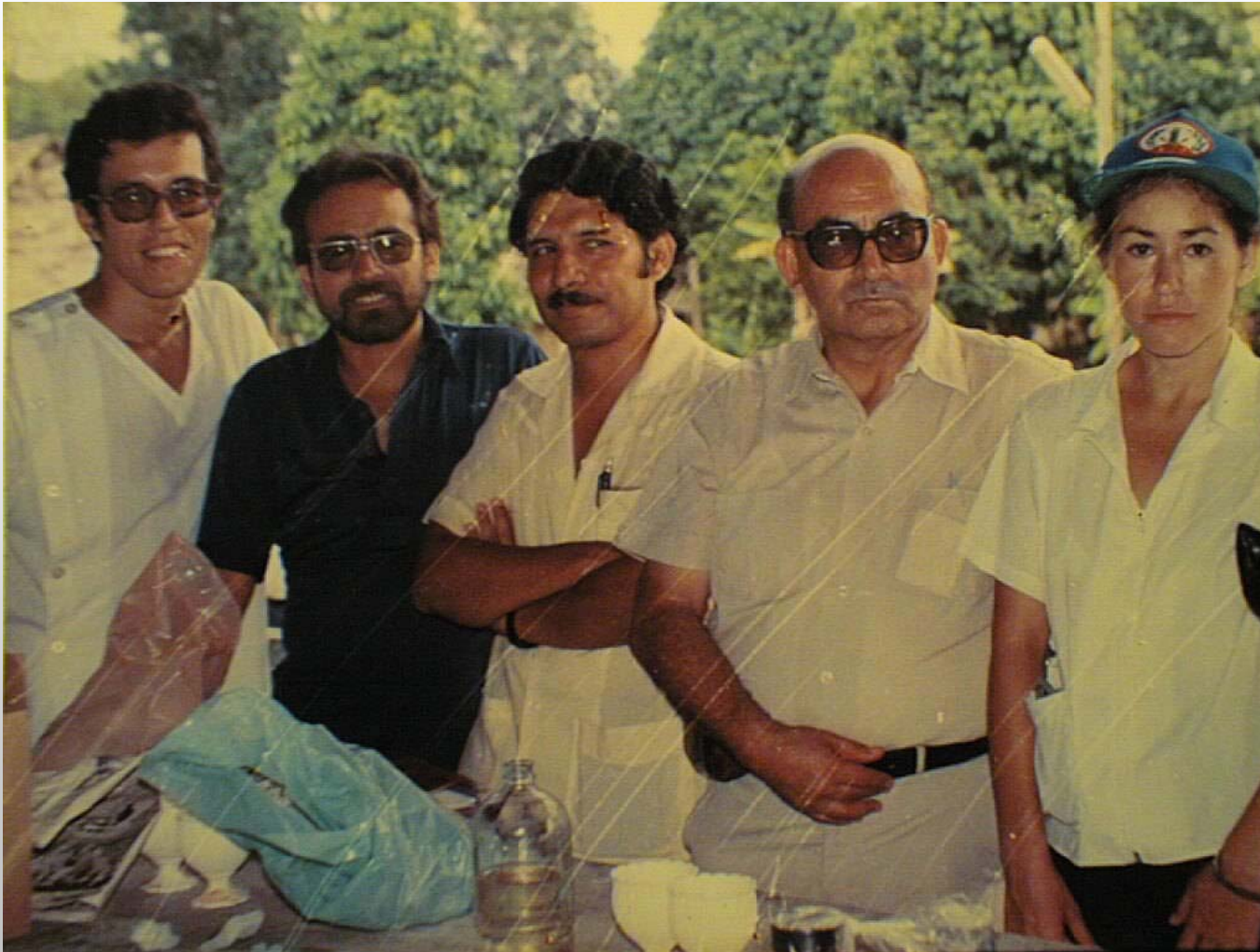
UNIVERSIDAD PERUANA  
**CAYETANO HEREDIA**



<https://imtavh.cayetano.edu.pe/en/>

# BRIEF HISTORY OF THE IMTAVH

- Founded on March 25, 1968
- First Director: Dr. Hugo Lumbreras
- Contributors
  - ✓ Alexander von Humboldt Foundation
  - ✓ British Council, TDR-WHO
  - ✓ Pharmaceutical companies
- Has occupied its current location since 1977





# MISSION AND VISION

- **Mission:** To promote research and teaching activities in the field of Infectious Disease and Tropical Medicine in Peru
- **Vision:** To be recognized as a leading institution in the field of Tropical Medicine, with significant contributions to the main public health problems of the country



# RESEARCH ACTIVITIES

- Focus on endemic diseases
  - ✓ Tuberculosis
  - ✓ Leishmaniasis
  - ✓ Retrovirus: HIV, HTLV-1
  - ✓ Malaria
  - ✓ Others: leptospirosis, enteric diseases, antimicrobial resistance, other mycobacterial diseases (Buruli ulcer, leprosy), brucellosis, cysticercosis
  - ✓ Emerging diseases

# OUR PARTNERS AND FUNDING AGENCIES

- Belgium Cooperation (DGOS I-III)
- NIH-USA (Fogarty, ICOHRTA, IEDEA)
- TDR-WHO
- FIND
- European Union
- TB-Alliance, Stop-TB, IUATLD, ASM
- Academic Centers: ITM Prince Leopold, UAB, U San Diego, U Washington, U Vanderbilt, McGill, U Baylor, U Texas (Galveston, Houston)
- Pharmaceutical Industry

# TEACHING ACTIVITIES

- Tropical Medicine Course for undergraduate students
- Tropical Medicine Course for foreign ID Fellows (in Spanish)
- Residency Program in ID and Tropical Medicine
- Elective rotations for national and foreign residents
- Gorgas Courses: Diploma, Expert and Advanced



# GORGAS ADVANCED COURSE

- Established in 1999 in collaboration with UAB
- Two-week course in English in August
- Twenty participants per year
- Focus on bedside teaching
- Participants from all over the world with experience in tropical medicine
- Interactive discusión with local staff on difficult cases





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# COURSE OBJECTIVES

- To train health care providers in Tropical Medicine in a *multicultural educational program* with *international experts on the field*.
- To expose participants to a broad spectrum of tropical diseases and provide clinical knowledge and skills to recognize, diagnose, treat, and prevent them with a *special emphasis on practicing in resource-limited settings*.
- To create a *network of experts* aiming to improve healthcare services for underserved populations around the globe.

# COURSE PERSPECTIVE

- Course based on principles of learning
  - ✓ Practical and relevant content
  - ✓ Case-oriented and small group tutorials
  - ✓ Active, self-paced learning process
- Things to remember
  - ✓ Cultural competence with patients, participants, and faculty
  - ✓ Sensitivity to the needs of other participants
  - ✓ Intensity of the course

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# COURSE FORMAT

- Contents cover 18 modules

1. Tuberculosis
2. Human Immunodeficiency Virus
3. Malaria
4. Travel
5. Nematodes
6. Cestodes
7. Trematodes
8. Tissue Protozoa
9. Intestinal Protozoa
10. Bacteria
11. Virus
12. Fungi
13. Nutrition
14. Sexually Transmitted Infections
15. Public Health and Epidemiology
16. Refugee and Immigrant Health
17. Diagnostic and Therapeutic Approach to Clinical Syndromes
18. Selected Topics

# COURSE ACTIVITIES

- Lectures
- Small Group Tutorials (SGT)
- Chat Rooms

**Online component  
(Canvas)**

- Laboratory Sessions
- Clinical Pathological Conferences (CPC)
- Clinical Rounds

**On-site component  
(Peru)**

# ONLINE COMPONENT

- Via Canvas and Zoom
- From February 1st – May 27th
- Activities:
  - ✓ Six lectures per week (pre recorded): 1h each
  - ✓ One Small Group Tutorial per week: 1.5h each, live via Zoom (two sessions at different times)
  - ✓ Chat rooms via zoom

# ON-SITE COMPONENT

- Conducted in Lima, Cuzco, Iquitos in Peru
- From May 30th – July 2nd
- There is still uncertainty regarding travel restrictions – more details will be given closer to the date



# TIME COMMITMENT

Course Week	Start Date	Lecture hours	SGT hours	CPC hours	Total time
Week 1	2021-02-01	7	0	0	7
Week 2	2021-02-08	5	1.5	0	6.5
Week 3	2021-02-15	5	1.5	0	6.5
Week 4	2021-02-22	5	1.5	0	6.5
Week 5	2021-03-01	5	1.5	0	6.5
Week 6	2021-03-08	6	0	0	6
Week 7	2021-03-15	7	0	0	7
Week 8	2021-03-22	4	1.5	0	5.5
Week 9	2021-03-29	4	1.5	0	5.5
Week 10	2021-04-05	5.5	1.5	0	7
Week 11	2021-04-12	6	1.5	0	7.5
Week 12	2021-04-19	5	1.5	0	6.5
Week 13	2021-04-26	5	1.5	0	6.5
Week 14	2021-05-03	6	1.5	0	7.5
Week 15	2021-05-10	6	1.5	0	7.5
Week 16	2021-05-17	8	0	0	8
Week 17	2021-05-24	6	0	0	6
Live (5 weeks)	2021-05-30	23	3	4	30

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# EXAMINATIONS

- The mid-term exam will take place before starting the in-person component of the course
  - ✓ Proctored via ProctorU
  - ✓ Appointment should be scheduled at least 3 days prior to exam
- We hope to be able to hold an in-person final exam. However, this will depend on the situation at the time.
- Grades will be available within 4 weeks of the date of completion of the exam.

# QUIZZES

- Every week, we will have a quiz about the past week's content
- Upon completing the quiz, you will be able to see the correct answers
- The quizzes will be image-based

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# ACCREDITATION

- **Diploma in Tropical Medicine & Hygiene**

✓ The Diploma in Tropical Medicine & Hygiene will be issued by the Gorgas Memorial Institute of Tropical and Preventive Medicine only to those completing the course and who successfully pass the comprehensive Diploma Examination given at the end of the course. This will satisfy the didactic requirement for the ASTMH examination process. Eligibility for the Diploma requires:

- Attendance during all Clinical Rounds sessions on the field trips to Cusco & Iquitos
- Attendance to a minimum of 95% of all course activities
- Passing grade in the final course exam
- Sitting for the final exam in order to qualify for the Diploma is an entirely optional process.

# ACCREDITATION

- **Certificate in Clinical Tropical Medicine**
  - ✓ A Certificate in Clinical Tropical Medicine will be issued jointly by Universidad Peruana Cayetano Heredia and the Gorgas Memorial Institute of Tropical and Preventive Medicine to everyone attending the complete course.

# ACCREDITATION

- **CME Credit**

- ✓ 125 hours of Category 1 credits are available. The cost of this is included in the Gorgas tuition.
- ✓ The University of Alabama School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.
- ✓ The University of Alabama School of Medicine designates this educational activity for a maximum of 125 AMA PRA Category 1 Credits™. Physicians should claim only the credit that corresponds to their participation in the activity.



# ACCREDITATION

- **ASTMH Certification**

- ✓ The **American Society of Tropical Medicine and Hygiene** offers Certification in Clinical Tropical Medicine and Travelers Health. Individuals with the Gorgas Diploma will fulfill the didactic requirements to sit the certifying examination.
- ✓ For further information, please visit <https://www.astmh.org/education-resources/certificate-programs>

# Thank you, and welcome!