Conéctate A+ 2nd Phase Kick-Off meeting
COFER – One Health

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COFER – One Health:
Creating a framework for developing effective
nutrition and One Health interventions

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Valdes-Velasquez (UPCH),
Mohammed Abdikadir (Jigjiga), Edith Maier (FHSG), Isabelle Herter
(ETH)
What is COFER- One Health?

Consortia for Education and Research

Goal: creating a framework for developing effective nutrition and One Health interventions
Overview of COFER One-Health

Work Packages:

• WP-1: Capacity building to modernise **academic teaching**

• WP-2: **Mobile tools** for conducting dietary assessment surveys

• WP-3: **Mobile** community-based solutions for **syndromic surveillance** and response systems

• WP-4: Behavioural economic approaches to make **interventions** more effective at household and environmental levels

Provide knowledge and research tools to detect nutrition and public health problems at an early stage and design interventions in a timely manner
Overview of COFER One-Health

**WP1**: Capacity building to modernise academic teaching

**WP2**: Mobile tools for conducting dietary assessment surveys

**WP3**: Mobile community-based solutions for syndromic surveillance and response systems

**WP4**: Behavioural economic approaches to make interventions more effective at household and environmental levels
WP-1: Capacity building & Teaching

MOOC One Health curricular integration in Cayetano University, Yomo Kenyatta University, Jigjiga University

• Online course on One Health conducted twice in 2020 (April and October)
• Each time over a thousand participants enrolled

Global participation:

https://www.futurelearn.com/courses/one-health

12. July 2021
WP-1: Country Cases Online

Country Cases Online

Guidelines for building a Case Study
• How to select it?
• How to build it?
• How to use/present it?

Case Study Package (model)
• Core Document (Info / Resources)
• Presentation
• Exercise / Evaluation Matrix
• Solution to Exercise
WP-1: Country Cases Online
Country Cases Online: Neurocysticercosis (NCC) Case Study

- Selection of potential case studies for Perú: rabies, leishmania, neurocysticercosis (NCC) (development of a selection matrix)

- NNC→ globally widespread zoonotic disease: prime example of One Health approach

- The product contained:
  - Tool for teachers
  - Background information on NCC
  - Assignments
Neurocysticercosis (NNC) Case Study → tool results

Study Package:

- The tool was successfully tested and evaluated in a two-week course (2x4h) with 20 students
  - Environmental Epidemiology (UPCH)

- The NCC cases study is ready for scaling out and up
Who are we?
Who are we?
Swiss – Peruvian Health Research Platform

Daniel Mäusezahl (CH)
- Dr. Jan Hattendorf
- Prof. Nicole Probst-Hensch
- Prof. Günther Fink
- Prof. Walter Karlen (ETH)
- Dr. des. Giuliana Sanchez

Stella Hartinger (Peru)
- Prof. Armando Valdes
- Prof. Cesar Carcamo (UPCH)
- Prof. Willy Lescano
- Dr. Gabriela Salmon
- Prof. Dr.med. Theresa Ochoa
  (Humboldt Inst.Trop.Med)
- Ms. Maribel Riveros
- Prof. Valerie Paz Soldan (Tulane)
1. Integrated Approaches: S. Hartinger
2. Birth & Adult Cohorts: G. Sanchez
3. Livelihoods & Household economics: R. Graf
4. m-Health: M. Finat, B. Morales
5. WASH: S. Haver
6. AMR & OneHealth: A. Larson, M-L. Medina
8. Early child development: P. Castellanos, M. Alvarado
9. NCDs: G. Sanchez, G. Bendezu, Fabiola Valdivia
11. Environmental Exposures: J. Zhang, J. Wolf
12. Climate Change: L. Blanco, Molley Mastel

**Students**

- PhD: 10
- MSc: 15
- MPH: 2
- MD-PhD: 1
- BSc: 1
Who are we?

Research center with the vision of being a leader in climate change and health, a reference for the country and South America
Projects and activities

- **ALTO- Cohort**: Multigenerational birth cohort
- **ECD-Peru**: Botnar-funded RCT on early child development using virtual platforms
- **Environmental governance** (Paracas)
- **Urban Health** (Lima)
- **Land use change** study on MDD
- **Glacier loss** and human health

- Training grants in respiratory and cardiovascular diseases
- **UPCH Master in Epidemiology**
- **Student exchange CH-Peru (MSc, PhD)**
Expectations for Conéctate A+ 2nd Phase

- **Teaching**: Continue exploring ways to support teaching new case studies on climate change? Land use change? Effects of this on health?
- **Research**: linked to climate change and environmental and human health. Glaciers and health
- **Communication**: talks, infographics, social networks
- **Collaboration**, grants, proposals, funding needed.

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¡Muchas gracias!

“Public Health” - Fresco outside San Marcos district hospital, Cajamarca, Peru
Contacts

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Join the Swiss - Peruvian Health Research Platform

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