

# EGAP Learning Days Agenda

## EGAP WEST AFRICA REGIONAL HUB/CERAP - LEARNING DAYS

ABIDJAN, CÔTE D'IVOIRE

26 - 30 JUNE 2023

This five-day meeting will consist of a combination of design clinics and lectures on topics critical for designing impact evaluations and randomized field experiments intended to measure the effects of policies, interventions, and programs on policy outcomes. Lecture topics will include the potential outcomes framework, randomization, hypothesis testing, statistical power, and estimation of treatment effects. The focus of the workshop is on experimental methods. Throughout the week participants will work to develop their own research designs together with peers and the instructor team.

**Workshop Venue:** CERAP Campus (15 Avenue Jean Mermoz, Cocody)

**Lodging:** Tiama Hotel (04 Bd de la Republique, Abidjan, Côte d'Ivoire)

**Timing:** The workshop begins on Monday, 26 June at 8:00AM and ends on Friday, 30 June at 5:30PM

### Organization

The Learning Days are organized through the EGAP West Africa Regional Hub at CERAP. The Regional Hub is led by Brice Bado (BB), with support from Amnis Vigan (AV). All of EGAP's workshop activities are led by Trainings & Methods Co-Directors Nahomi Ichino (Emory University, NI) and Graeme Blair (UCLA, GB). The workshop instructors are Graeme Blair, Natalia Garbiras Díaz (Harvard Business School, NGD), Horace Gninafon (Université Laval, HG), Alyssa Heinze (UC Berkeley, AH), Nahomi Ichino, Yabo Gwladys Vidogbena (University of Houston, YGV), Lauren Young (UC Davis, LY), and Christelle Zozoungbo (Pennsylvania State University, CZ).

### Study material

- **Please bring a laptop. Make sure you have R and Rstudio<sup>1</sup> installed.** See notes below.
- Lectures will be based on the curriculum in *The Theory and Practice of Field Experiments: An Introduction from the EGAP Learning Days* by Bowers, Voors, and Ichino, which is available in both English and French.

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<sup>1</sup> Download from <http://www.rstudio.com/products/rstudio/download/>. If you already prefer using R with an editor other than RStudio, you do not need to install RStudio.

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- During the workshop materials will be shared via Dropbox.

## Preparation before the workshop

- Please prepare a brief (3 minutes) statement to introduce yourself (who you are, where you work, what are your expectations for the Learning Days) and to present your project and research question that you will work on during the workshop. The workshop will focus on experimental methods, i.e. where an intervention (program, treatment) is implemented using randomization. It will not cover non-experimental methods (e.g., PSM, DD, RD, etc). If you would like to discuss potential research project options with us in advance of the training, please send Nahomi Ichino ([nahomi.ichino@emory.edu](mailto:nahomi.ichino@emory.edu)) and Graeme Blair ([graeme.blair@gmail.com](mailto:graeme.blair@gmail.com)) an email. We are happy to discuss!
- Make sure you have **R** and **Rstudio** installed. [Appendix B](#) of *The Theory and Practice of Field Experiments: An Introduction* from the EGAP Learning Days provides information on how to download R and RStudio. Please download both programs prior to the workshop and familiarize yourself with the material provided in the guide. In particular, we provide lines of code in section B.3.1 that you should execute to download several auxiliary files (“packages”) that we will use during Learning Days. If you have difficulty downloading R, RStudio, or the packages, please email Alyssa Heinze ([alyssa.heinze@berkeley.edu](mailto:alyssa.heinze@berkeley.edu)) for assistance.
- Before the start of the workshop, try the following short assignment in R:  
<https://goo.gl/forms/Arxye5kJEfz3bfek2>.

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## Monday, 26 June 2023

8:00AM: Welcome and Introductions (BB, NI, GB)

8:45AM: Why Experiment Lecture (GB)

10:00AM: Coffee Break

10:20AM: Experiment Practicum (AH, HG)

11:30AM: Theory Lecture (NGD)

12:30PM: Lunch

1:30PM: Causal Inference Lecture (NI)

3:00PM: Coffee Break

3:20PM: Workshop Time

4:30PM: R Session - Getting Started (AH)

5:30PM: Workshop Adjourns

6:15 - 7:15PM: Office Hours at the Hotel, Available in English and French

### Resources

- [10 strategies for figuring out if X causes Y](#)
- [10 things you need to know about causal inference](#)
- R: <http://www.r-project.org/>

## Tuesday, 27 June 2023

8:00AM: Recap and Quiz

8:30AM: Randomization Lecture (YGV)

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10:00AM: Coffee Break

10:20AM: R Session - Randomization (AH)

11:30AM: Research Design Form Lecture (LY)

12:30PM: Lunch

1:30PM: Research Design Form Lecture Con'd (LY)

3:00PM: Coffee Break

3:20PM: Estimation and Statistical Inference Lecture (CZ)

4:30PM: R Session - Estimation and Inference Lecture (LY)

5:30PM: Workshop Time

6:15PM: Group Dinner (travel together from CERAP)

## Resources

- [10 things you need to know about randomization](#)
- [10 things about covariate adjustment](#)

## Wednesday, 28 June 2023

8:00AM: Recap and Quiz

8:45AM: Randomization Lecture 2 (AH)

10:00AM: Coffee Break

10:20AM: How to Set Up the Final Presentations Lecture (HG)

11:30AM: Workshop Time

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12:30PM: Lunch

1:30PM: Workshop Time

3:00PM: Coffee Break

3:20PM: Hypothesis Testing Lecture (NGD)

4:30PM: R Session - Hypothesis Testing (NGD)

5:30PM: Workshop Adjourns

6:15 - 7:15PM: Office Hours at the Hotel, Available in English and French

## Resources

- [10 things about hypothesis testing](#)
- [10 things about randomization inference](#)

## Thursday, 29 June 2023

8:00AM: Recap and Quiz

8:45AM: Statistical Power Lecture (HG, NI)

10:00AM: Coffee Break

10:20AM: Presenting and Interpreting Results Lecture (NI)

11:30AM: Workshop Time

12:30PM: Lunch

1:30PM: Workshop Time

3:00PM: Coffee Break

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3:20PM: Ethics Lecture and Exercise (LY)

4:30PM: Presentation Prep

5:30PM: Workshop Adjourns

6:15 - 7:15PM: Office Hours at the Hotel, Available in English and French

## Resources

- [Transparency in research ethics](#)

## Friday, 30 June 2023

8:00AM: Recap and Quiz

8:45AM: Lifecycle of an Experiment Lecture (GB)

10:00AM: Coffee Break

10:20AM: Design Talk (NGD)

11:30AM: Participant Presentations

12:30PM: Lunch

1:30PM: Participant Presentations Con'd

3:00PM: Coffee Break

3:20PM: Failures and Resilience in Experiments Lecture (LY, GB, NGD)

4:30PM: Wrap Up

5:30PM: Workshop Adjourns

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## Resources:

- [Blair, Coppock, Humphreys book, Part IV](#)

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## Workshop Participants

- Adiaratou Diallo - Université Thomas Sankara
- Adikath Abiola - Center of Action for Food Security and Sustainable Development (CASAD-Benin)
- Ahoua Seogo - Université Thomas Sankara / Institut de l'Environnement et de Recherches Agricoles
- Amanda Djuewou - African School of Economics
- Boris Meviekpon - CERAP
- Caleb Jeremie Dohou - DIME (World Bank)
- Como Benoit Yao - Amnesty International
- Dali Raoul Tape - MCA-Côte d'Ivoire
- Djenebou Diabate - Office Nationale de la Sante
- Emmanuel Durosini - Green Minds Empowerment Foundation
- Hermann Judicael Benie - Université Félix Houphouët-Boigny de Cocody
- Joël Koffi - CERAP
- Judith Oubda - Université Thomas Sankara
- Kanga Anick Adou - Université des Lagunes
- Kany Abiba Nelly Carla Touré - Université Félix Houphouët-Boigny de Cocody
- Kingsley Oserei - University of Lagos / National Centre for Agricultural Mechanization
- Kouakou Boris Amoakon - CERAP / Ministère de l'économie et des finances
- Luke Adebisi - Agricultural and Rural Management Training Institute, ILORIN
- Marie Laure Essis - Institut National de Santé Publique
- Martin Sawadogo - Université Nazi Boni
- Oluwaremilekun Adebisi - Centre for Sustainable Agricultural Empowerment, ILORIN
- Tiéko Jean-Luc Bebei - Cellule de Coordination des Projets d'Infrastructures de Côte d'Ivoire
- Waliyat Oloyede - University of Ilorin, Nigeria
- Winley Michèle Brigitte Goh - Université Thomas Sankara