



Foldscope

Training Programs

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Foldscope Training Programs

Foldscope Training Programs are educational sessions led by a Foldscope Team Member. These programs provide highly-skilled guided instruction about Foldscope and various applications. By completing one of these courses, participants will quickly master how to use Foldscope, learn microscopy skills, and be prepared to lead others in scientific explorations.



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Who Should Attend?

Training Programs are open to everyone. They are ideally suited for educators who will lead others in scientific explorations using their Foldscopes.

Location

Training Programs can take place in-person or online via Zoom.

Training Programs Overview		
Duration: Up to 4 hours (<i>half-day</i>)		Maximum # of Attendees: 20 per session
C O N T E N T	Foldscope Assembly	✓
	Specimen Collection	✓
	Basics of Sample Preparation (Paper, Glass Slides)	✓
	Basics of Foldscope Use (Focus, Phone Imaging)	✓
	Advanced Add-Ons, Custom Lesson Plans	Available at extra cost

Specialized packages available upon request.

Instructor

Paola Moreno-Roman, Ph.D

Paola received her Ph.D from Stanford University. She is *Foldscope Instruments'* Director of Strategic Partnerships and is experienced in leading virtual and in-person workshops.

Learn how to use Foldscope from an expert!



Packages

Training Programs Pricing	
Basic Package	\$1200 (in-person) or \$800 (online)
Advanced Add-Ons	\$300 (in-person) or \$200 (online)

Basic Package price includes cost of Foldsopes and materials. Advanced Add-Ons price includes cost of materials.
In-person training price does not include travel, lodging, and international shipping.

BASIC PACKAGE*

PRICE:

- **In-person** — \$1200 (travel, lodging, and international shipping not included)
- **Online** — \$800 (international shipping not included)

INCLUDES:

- **20 unassembled Foldsopes**
- **Materials**
- **Certificate of completion****
- **'Foldscope Trainer' patch****

MAXIMUM # OF ATTENDEES: 20

DURATION: Up to 4 hours (half-day)

MODULES:

- **Foldscope Assembly**
Attendees will receive guidance on how to properly assemble a Foldscope. They will learn the most common mistakes during assembly, how to easily detect them, and fix them
- **Specimen Collection**
Attendees will learn how to collect samples using tools like a net. We will also discuss methods to obtain samples of mold and tardigrades.
- **Basics of Sample Preparation (paper, glass slides)**
Attendees will learn how to mount different types of solid samples on a paper and glass slide.
- **Basics of Foldscope Use**
Attendees will learn how to focus and couple the Foldscope with their phones to take high quality photos.

* Specialized packages available upon request. ** Received upon completion of the training

ADVANCED ADD-ONS

PRICE:

- **In-person** — \$300 (*travel, lodging, and international shipping not included*)
- **Online** — \$200 (*international shipping not included*)

Each Advanced Add-On lasts approximately 1 hour and it will include a lesson plan in PDF format. The lesson plan will be customized based on the grade level the teachers teach to. Materials specified in each category are included.

PREREQUISITE: Basic Package training

DURATION: 1 hour each

MODULES:

- **Stomata lesson plan**
- **Aqueous samples lesson plan**
- **Hunting for tardigrades**
- **Mold lesson plan**
- **Pollen lesson plan**
- **Design your own Foldscope class**
- **Microscopy lesson plan**
- **Vegetable lesson plan**
- **Salt, sugar, and other crystals lesson plan**
- **Plankton lesson plan**
- **Yeast lesson plan**
- **Birds (feathers) lesson plan**
- **Different staining techniques lesson plan**
- **Gram + and gram - lesson plan (includes staining)**

For more information about Advanced Add-Ons, please email us at training@foldscope.com

Purchasing

Training Programs can be purchased by using the contact form on foldscope.com/training or by sending an email to training@foldscope.com

More About the Instructor

Paola Moreno-Roman, Ph.D.

Paola Moreno-Roman was born and raised in Lima, Peru. She majored in Biology at Universidad Peruana Cayetano Heredia (Peru). Afterwards, Paola moved to the U.S. and obtained her doctoral degree in Cellular and Molecular Biology at Stanford University. As a Stanford graduate student, Paola studied how stem cells become intestinal cells in fruit flies. Besides doing scientific research, Paola worked to use the universality of science as a means to connect individuals from diverse backgrounds. Her personal circumstances led her to place a high value on mentorship and its crucial role in diversity and inclusion initiatives. This conviction led Paola to be involved in a wide variety of science outreach initiatives in both the U.S. and in Peru.



Currently, Paola is the Director of Strategic Partnerships at Foldscope Instruments, Inc. where she works on establishing new partnerships and strengthening existing ones to achieve our mission of making science accessible to everyone regardless of their age, socio-economic background, citizenship, etc.

What You Gain from Training Programs

- Expertise in using Foldscope
- Basic to advanced microscopy skills
- Confidence and knowledge to lead others in scientific explorations
- Certificate of Training Program Completion
- Official 'Foldscope Trainer' patch
- The completion of the Basic Package allows participants to purchase Advanced Add-Ons



Foldscope Trainer patch

Contact

For more information, go to foldscope.com/training or email us at training@foldscope.com



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