



INSTITUTE FOR STUDIES IN PRAGMATISM

DESIGNING RESEARCH USING FNIR DEVICES

Training Workshop Fall 2022

Trainer: Papia Bawa, PhD

10/10/2022 & 10/17/2022

Open to Graduate Students & Faculty!

About the Lab

The primary purpose of the Christine Ladd-Franklin Cognition lab is to provide faculty and students from all disciplines with the equipment and software needed to support interdisciplinary research on cognition, vision, communication and all possible problems associated to human behavior and reasoning.

About the Trainer

Papia Bawa, Ph.D. has a background in Instructional Design and Technology, with research interests that are highly focused on transformative and disruptive technologies and their usage in education and training. As a professional research guide and trainer, she has served multiple clients globally to help develop unique research study plans for corporations in education, business, and healthcare industry, including using brain mapping technology such as fNIR.

The Christine Ladd-Franklin Lab organizes a training workshop for graduate students from all disciplines interested in using fNIR in their studies.

fNIR device provides real-time monitoring of tissue oxygenation in the prefrontal cortex while individuals perform cognitive tasks to assess brain functions – such as perception, memory, learning, attention, and decision making.

Participation is limited.

How to Apply:

Please submit your application with a short letter of intent that includes:

- The reason of your interest
- Your study program and major
- Contact information

Workshop Agenda

Day 1 (Required):

- Trainer presentation on using fNIR devices for research
- Work in groups to analyze a research article related to using fNIR
- Develop Research Ideas Incubator draft exercise
- Open forum discussion with trainer on perceived challenges and solutions of using

Day 2 (Optional):

One on one consulting: 30 minutes for each group, based on the signup sheet.

Group presentation and discussion.

The workshop will have limited seating (10 groups of 3-4 participants) due to the personalized nature of feedback.

For more information contact Brianna Sanchez,
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