

## fNIRS Training Course

Boston University / Massachusetts General Hospital

Nov 8<sup>th</sup> – 18<sup>th</sup>, 2021

### DAY 1 – November 8<sup>th</sup> Monday

10:00 am – 12:00 pm ET

**NIRS introduction** – LECTURE (pre-recorded) [DAB]

Discussion of pre-recorded NIRS lecture.

**fNIRS overview** – LECTURE [DAB]

**Computer testing** [JD/DAB/MAY]

### DAY 2 – November 9<sup>th</sup> Tuesday

10:00 am – 11:30 am ET

**Data analysis – Basic steps demonstrated with Homer3** – EXERCISE

[DAB]

### DAY 3 – November 10<sup>st</sup> Wednesday

10:00 am – 12:00 pm ET

**Short separation regression and GLM** – LECTURE AND EXERCISE [DAB]

### DAY 4 – November 11<sup>st</sup> Thursday

10:00 am – 12:00 pm ET

**Motion Artifacts** – LECTURE AND EXERCISE [MAY]

### DAY 5 – November 15<sup>st</sup> Monday

10:00 am – 12:00 pm ET

**GLM with tCCA** – LECTURE AND EXERCISE [[MAY](#)]

### **DAY 6 – November 16<sup>st</sup> Tuesday**

10:00 am – 12:00 pm ET

**Atlas Guided Analysis** – LECTURE [[DAB](#)]

**Using subject's own anatomy** – EXERCISE [[MAY](#)]

### **DAY 7 – November 17<sup>st</sup> Wednesday**

10:00 am – 12:00 pm ET

**Probe design** – LECTURE [[MAY](#)]

### **DAY 8 – November 18<sup>st</sup> Thursday**

10:00 am – 12:00 pm ET

**Image Reconstruction** – LECTURE AND EXERCISE [[MAY](#)]