

**FACULTY MENTOR**

Kuzum, Duygu

**PROJECT TITLE**

Neuroelectronic interfaces for brain

**PROJECT DESCRIPTION**

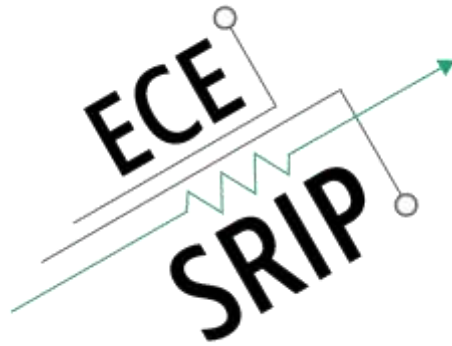
Multimodal neural interfaces to investigate signal transmission in brain circuits

**INTERNS NEEDED**

2 BS or MS students

**PREREQUISITES**

Signal processing/machine learning or microfabrication



**FACULTY MENTOR**

Kuzum, Duygu

**PROJECT TITLE**

Neuro-inspired in memory computing systems

**PROJECT DESCRIPTION**

Development of neuromorphic hardware based on emerging non volatile memory devices such as RRAM, PCM, MRAM

**INTERNS NEEDED**

2 BS or MS students

**PREREQUISITES**

Knowledge on neural network models or memory devices or circuits