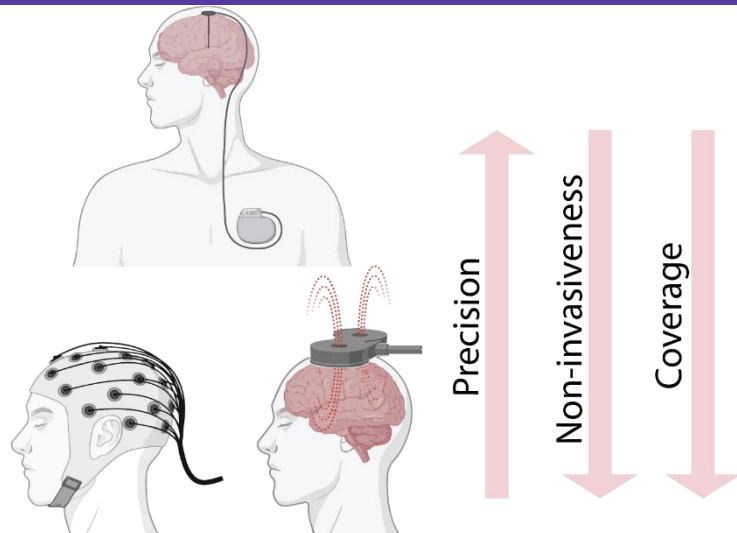




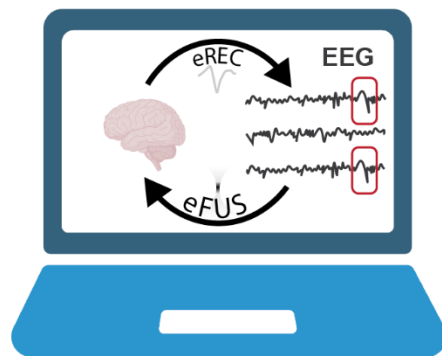
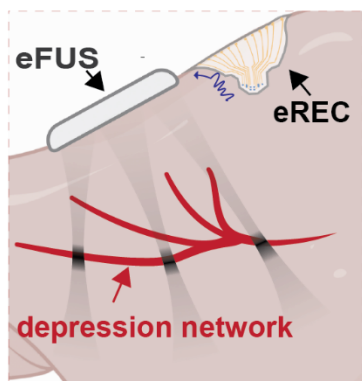
**PROBLEM ADDRESSED:**

- Need for closed-loop stimulation with high precision and minimally invasiveness



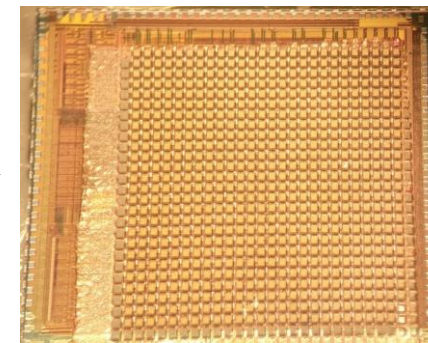
**PROPOSED SOLUTION:**

- Epidural focused ultrasound and electrical recording microsystems



**CURRENT STATUS:**

- First prototypes of eFUS and eREC devices under development



**OBJECTIVE NEXT 1-2 YEARS:**

- Deliver epidural focused ultrasound device
- Deliver 64 channel electrical recording device
- Start *in vivo* validation in animal model of depression

