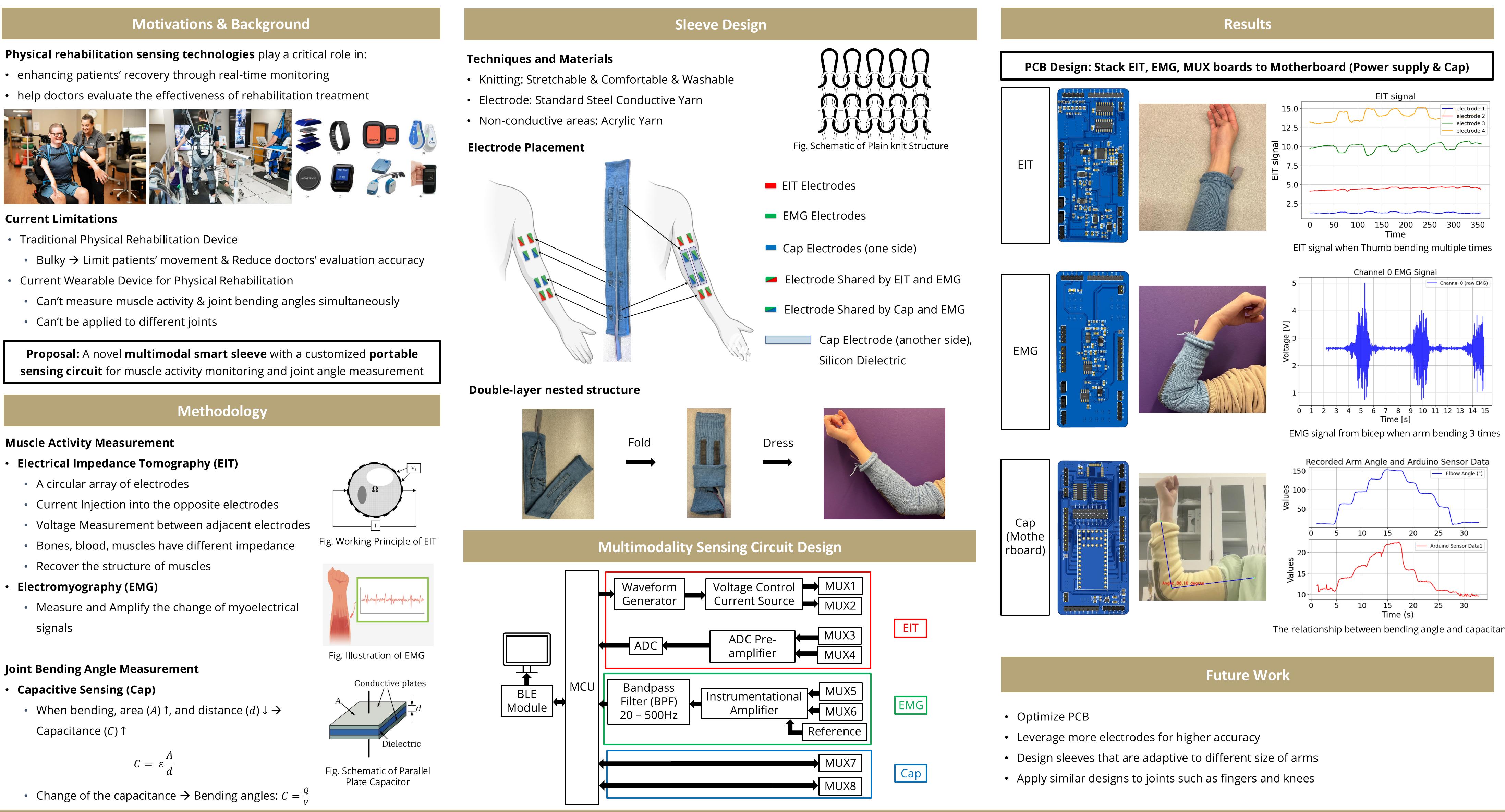


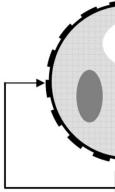
# **Multimodal Sensing Sleeve for Rehabilitation**

Mingzhuo Ma, Qifeng Yang, Sen Zhang, Gaolin Ge, Jazlin Taylor, Yiyue Luo

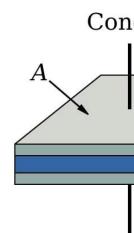


$$C = \varepsilon \frac{A}{d}$$

ELECTRICAL & COMPUTER ENGINEERING







UNIVERSITY of WASHINGTON

## References

[1] Yiyue Luo, Kui Wu, Tomás Palacios, and Wojciech Matusik. 2021. KnitUI: Fabricating Interactive and Sensing Textiles with Machine Knitting. In Proceedings of the 2021 CHI Conference on Human Factors in Computing Systems (CHI '21). Association for Computing Machinery, New York, NY, USA, Article 668, 1–12. https://doi.org/10.1145/3411764.3445780 [2] Junyi Zhu, Yuxuan Lei, Aashini Shah, Gila Schein, Hamid Ghaednia, Joseph Schwab, Casper Harteveld, and Stefanie Mueller. 2022. MuscleRehab: Improving Unsupervised Physical Rehabilitation by Monitoring and Visualizing Muscle Engagement. In Proceedings of the 35th Annual ACM Symposium on User Interface Software and Technology (UIST '22). Association for Computing Machinery, New York, NY, USA, Article 33, 1–14. https://doi.org/10.1145/3526113.354570



### The relationship between bending angle and capacitance