

# Stanford

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## Levent Beker

Postdoctoral Research Fellow, Chemical Engineering

### Bio

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#### BIO

I am a postdoctoral researcher working with Professor Zhenan Bao . My research interest is to develop implantable and wearable medical devices to make life easier for people in need by using stretchable, biodegradable materials and micro-electro-mechanical systems (MEMS) technology.

I received my PhD from Mechanical Engineering at UC Berkeley and worked on MEMS energy harvesters for neural implants and harsh environment sensors. I received BSc and MSc degrees from Middle East Technical University, Turkey, where I invented the self-powered and fully implantable cochlear implant.

#### PROFESSIONAL EDUCATION

- Doctor of Philosophy, University of California Berkeley (2017)
- Master of Science, Middle East Technical University (2013)
- Bachelor of Science, Middle East Technical University (2010)

#### LINKS

- Personal homepage: <https://levbeker.wordpress.com/>

### Publications

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#### PUBLICATIONS

- **Piezoresistive stretchable strain sensors with human machine interface demonstrations** *SENSORS AND ACTUATORS A-PHYSICAL*  
Wu, Y., Karakurt, I., Beker, L., Kubota, Y., Xu, R., Ho, K., Zhao, S., Zhong, J., Zhang, M., Wang, X., Lin, L.  
2018; 279: 46–52