

## **Research Openings in Novel Materials, Nanoelectronics and Biomedical Devices**

Multiple positions available for undergrad, grad and postdocs in the new [Nano-Cybernetic Biotrek \(NCB\)](#) research lab at MIT. NCB aims to fuse nanoelectronics, applied physics, and biology with two major research directions:

- develop novel nanoelectronic computational devices employing ingenious device physics and smart nano-materials (2D materials, graphene, CNTs)
- merge such next generation technologies with living-matter creating unique nanomachine-bio hybrid systems

NCB has openings for grad students and postdocs in the areas of

- Polymer chemistry, Surface functionalization, Biosensing
- magnetoelectric effect, multiferroics
- biomedical devices, wearable, implants, prosthetics
- brain activity recording, brain stimulation
- Electronic devices, MOSFETs, solid state physics, electronic circuits

More details can be found at <https://deblina-sarkar.mit.edu/research-positions-available>

And <https://www.media.mit.edu/groups/nano-cybernetic-biotrek/overview/>

**Please email ur CV and details of research work to [deblina@mit.edu](mailto:deblina@mit.edu), if interested in joining her lab.**