

Postdoc Position Available in top-down fabrication of Si nanowires.

We seek highly motivated postdoc candidates with strong experimental skills and solid background in clean room fabrication and nanomaterial characterization. Potential candidates are expected to be able to independently tackle interdisciplinary challenges that will involve two or more items below:

- Clean room fabrication, such as photolithography, DRIE, and deposition.
- Synthesis of ultra-long Si nanowires using top-down etching method.
- Characterization of nanomaterials with SEM, TEM, BET, and other spectroscopic and micro-spectroscopic techniques.
- Device fabrication to determine electrical properties of Si nanowires.
- Investigation of chemical and electrochemical properties of 2D materials.

Postdocs with a background in materials science, physics, chemistry or engineering are sought. If you are interested, please send your CV to xlzheng@stanford.edu.

For more information, please visit
<http://web.stanford.edu/group/zheng/>