

## Zhiling Zhang

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### **EDUCATION**

Drexel University, School of Biomedical Engineering, Science and Health Systems, Philadelphia, PA

- Doctorate of Philosophy, Currently enrolled
- Major: Biomedical Engineering

Tsinghua University, Department of Chemical Engineering, Beijing, China

- Master of Science, July 2010
- Bachelor of Science, July 2007
- Major: Materials Science and Engineering

### **Research Experience**

#### **- Graduate Student (Sep 2010-present)**

Drexel University, School of Biomedical Engineering, Science & Health Systems, Philadelphia, PA

Advisor: Dr. Yinghui Zhong

Currently preparing the coating of neural electrode, and studying the bioactivity and biocompatibility of neural electrode.

#### **- Research Assistant (Sep 2007-July 2010)**

Tsinghua University, Department of Chemical Engineering, Beijing, China

Investigated the interaction between macromolecular chain and carbon nanotube, and studied the helical wrapping structure of carbon nanotube by macromolecular chain.

#### **- Diploma Project (Sep 2006-July 2007)**

Tsinghua University, Department of Chemical Engineering, Beijing, China

Prepared porous polymer membrane by Thermal Induced Phase Separation (TIPS), and improved the hydrophilicity and tensile properties of membrane.

### **Technical Skills:**

- Computer Skills: Microsoft (Word, Excel, PowerPoint), Adobe/Acrobat, MatLab.
- Laboratory: Centrifugation, UV-visible light spectrophotometry, Optical microscopy, Fourier Transform Infrared Spectroscopy, Transmission Electron Microscopy.