



University of Memphis TLSAMP

Summer Research Experience in Shanghai, China



THE UNIVERSITY OF
MEMPHIS™



Applications are invited immediately from current TLSAMP students to participate in a four-week summer research experience trip to Donghua University in Shanghai, China during the summer of 2018. Activities at the host University include conducting laboratory research and interacting with local faculty and students during week days and visiting downtown Shanghai as well as various local attractions of interest including historical and natural sites during the weekends.

What the program will provide:

- Round-trip airfare and required travel VISA
- Required health insurance coverage
- Accommodations and per diem
- \$1,000 Scholarship

Apply if you are:

- A current or past Level I undergraduate TLSAMP student presently enrolled
- Interested in biomedical research/tissue engineering/polymer synthesis/biomaterials/biology
- Interested in experiencing the culture and food of China
- International networking

How to apply:

- Cover letter
- Complete an application form
- Up-to-date resume
- Write a brief statement of your interest and experience
- Available dates during summer 2018
- Provide a letter of recommendation
- Unofficial transcript

Research Projects:

- Novel, biodegradable elastomeric polymer synthesis and polymer electrospinning to fabricate tissue regeneration templates.
- Processing and characterization of elastomeric polymer Aerogels containing nanocrystal reinforcement for use as tissue regeneration templates.
- Processing and characterization of elastomeric polymer Aerogels containing Manuka honey and characterization of stem cell interaction with the enhanced tissue regeneration templates.

Selection will start by March 19 and selected scholars will be notified By March 26, 2018.

Please contact Professor Gary L. Bowlin at gibowlin@memphis.edu for more details.