The ASPET Summer Undergraduate Research Fellow (SURF) Awards introduce undergraduate students to pharmacology research. Our goal is to use authentic, mentored research experiences to heighten student interest in careers in research or related health care disciplines.

**Overview**

Students will work ~40 hrs/wk in the lab under the mentorship of a pharmacologist / toxicologist Ph.D. advisor, with additional supervision from experienced researchers.

- Weekly seminar series
- Posters & Oral presentations
- Stipend provided

Exciting research opportunities are available this summer for cutting edge research experiences in:

- Cardiovascular disease
- Hypertension & Stroke
- Neurodegenerative diseases
- Cancer
- Drug Development

**Application Process**

**APPLICATION DEADLINE:** February 15, 2019

To apply, send the following information:

1. Personal statement (1 page maximum) including:
   - professional goals
   - any prior research experience
   - a description of how this program will help you achieve your goals
2. Electronic Application (website)
3. Non-official transcripts including a list of courses presently taking
4. Two (2) letters of recommendation sent by email

**Eligibility**

- Enrolled in a degree-granting program at a college / university in the U.S.
- Cumulative GPA of 3.2+
- Minimum of one year of college, but no seniors graduating in Spring 2019

**ASPET - What is Pharmacology? video**

https://youtu.be/PQ2m-nrf2z8

**Program Director and Faculty**

This program is administered by MSU’s Department of Pharmacology & Toxicology.

Questions / applications should be directed to:

Karen Liby, Ph.D.
Associate Professor
Michigan State University
Email: libykare@msu.edu
Website: https://phmtox.msu.edu/education/ug/surf/

ASPET
Pharmacology - \(\text{phar}^\text{ma}^\text{col}^\text{ogy}\) n.
Study of substances that interact with living systems through chemical processes, especially by binding to regulatory molecules and activating or inhibiting normal body processes.

Toxicology - \(\text{tox}^\text{ic}^\text{ol}^\text{ogy}\) n.
Study towards understanding the mechanisms by which chemical and physical agents can produce toxicity in biological system.