



THE UNIVERSITY OF MISSISSIPPI

The Center of Research Excellence in Natural Products Neuroscience

Centrifuge

Now Accepting Applications

for the

2017 Summer Undergraduate Research Program

Program Overview

The Center of Research Excellence in Natural Products Neuroscience (CORE-NPN) Summer Undergraduate Research Program is now accepting applications for undergraduate students to participate in our eight-week program. The CORE-NPN brings together researchers and scientists from the University of Mississippi in a variety of departments to conduct high quality research to study the interface of natural products and neuroscience. Students will be selected through a competitive application process and will be matched with research projects that best fit their interests as indicated on their application forms.

Potential Topics for Projects

- Δ^8 -Tetrahydrocannabinol in the Management of Glaucoma
- Fluorinated Derivatives of Anthocyanin Natural Products for Brain Neurodegeneration
- Intranasal Delivery of Ziconotide Using Muco-similar Vehicles
- Sourcing, Acquisition and Isolation from Natural Products
- Chemistry and Drug Metabolism and Pharmacokinetics
- *In Vitro* Assays for Cannabinoid and Opioid Receptors
- *In Vivo* Pharmacological Evaluation for Neurobehavioral Effects
- Biopharmaceutics-Clinical and Translational Research

Eligibility

Undergraduates with a minimum GPA of 3.0 who are currently enrolled at any accredited college or university, and have completed their sophomore year by the beginning of the summer, are encouraged to apply.

Requirements and Compensation

Students will be required to work 25 hours per week from **June 5 – July 28, 2017**. At the end of the summer program, participants will give an oral presentation of their summer project. Participants will earn \$15 per hour during the length of the program.

The application form, along with additional information regarding this program, can be found under Programs at our website:

<http://www.olemiss.edu/cobre/>

**APPLICATION
DEADLINE:
April 7, 2017
5:00 pm**

Please email or mail
application
information to:

cobre@olemiss.edu

Attn: TaJuana Redmond
CORE-NPN SURP
Dept. BioMolecular Sciences
303B Faser Hall
University of Mississippi
P.O. Box 1848
University, MS 38677

Application Requirements:

- Application Form
- Cover Letter
- Résumé
- Transcript(s)
- Two Letters of
Recommendation

CORE-NPN is a research and educational program at the University of Mississippi on the Oxford campus. It is funded by the National Institute of General Medical Sciences (NIGMS) at the National Institutes of Health (NIH) as one of its Centers of Biomedical Research Excellence (COBRE). Grant Number (P20GM104932)