



Attention Pre-Med/Dental undergraduates:

Owensboro Health Foundation Summer Research Intern Program

About the OCRP

The Owensboro Cancer Research Program (OCRP) is a unit of the James Graham Brown Cancer Center (JGBCC), University of Louisville (UofL) School of Medicine, and is supported by Owensboro Health (OH), which provides state of the art research space on its Parrish Campus in the Mitchell Memorial Cancer Center. The OCRP is focused on conducting cutting edge cancer research and when appropriate, utilizing plant-based expression systems to produce protein based therapeutics and diagnostic reagents for clinical trials and commercial production. In addition to this translational research mission, the OCRP will facilitate the expansion of clinical trials into the Owensboro region and foster closer interactions between the UofL and OH clinicians. OCRP principal investigators have faculty appointments in the UofL School of Medicine and are affiliated with the JGBCC.

Faculty members at the OCRP have diverse research interests that are linked by the use of plant-based expression systems for translational research. The current faculty and their research interests are:

Kenneth Palmer, Professor and Executive Director - Development of a new plant-expressed HPV vaccine for cervical cancer, and development of a novel antiviral protein with broad activity against HIV and potential bioterrorism agents such as Ebola virus.

Nobuyuki Matoba, Associate Professor - Development of plant-based HIV and cancer vaccines and development of a new anti-cancer immunotherapeutic agent based on protein engineering.

The Owensboro Cancer Research Program (OCRP) is partnering with the Owensboro Health Foundation to offer full-time hands-on research internships for pre-medical and pre-dental undergraduate students. Accepted students will spend 10 weeks learning laboratory techniques and contributing to specific state-of-the-art research projects in the areas of cancer biology and plant-made pharmaceuticals.

Program Description

This program will be held May 31 – August 5, 2016 at the Mitchell Memorial Cancer Center on the Owensboro Health Parrish campus. The program seeks to provide junior or senior pre-professional students with a rigorous research experience under the guidance of an OCRP faculty mentor.

Each student participant will receive a stipend of \$3,500 over the ten-week period.

Eligibility and Application Process

All pre-dental and pre-medical students who have completed their junior year, status as a starting senior in the fall, and have completed introductory chemistry and biology courses are eligible to apply.

The application deadline is April 29, 2016.

Applicants should submit:

- Transcripts
- One-page description of career goals
- Two letters of reference from the applicant's home institution
- **Please include your contact information, email address and primary phone number.**

Applications should be sent to:

Dr. Chad Wilkerson, Ph.D.
Summer Research Intern Program
Mitchell Memorial Cancer Center
1020 Breckenridge Street, Suite 201
Owensboro, KY 42303
270-688-3694

Electronic submission is encouraged to:
internship@ocrp.org

