

# WFSM Office of Women in Medicine and Science

## Women's Health Internship Projects Fall 2014

[www.wakehealth.edu/School/OWIMS/Internships.htm](http://www.wakehealth.edu/School/OWIMS/Internships.htm)

The Office of Women in Medicine and Science (OWIMS) is committed to the promotion of women's health and we know that the recruitment of future top-notch researchers and physicians begins at the undergraduate level of college. The OWIMS coordinates women's health internships between Wake Forest University School of Medicine (WFSM) researchers and healthcare providers and undergraduate students from area colleges who are looking for projects for course credit and/or experience (these are *unpaid* positions).

To inquire about submitting or applying for an internship project or if you have any additional questions about the program, please contact Rita Groce at [rgroce@wakehealth.edu](mailto:rgroce@wakehealth.edu).

### Projects currently recruiting for interns:

#### Quality Improvement in Women's Health:

Project involves assessing and improving quality in women's health here at Wake Forest by comparing mammogram, Pap smear, and bone density screening rates across our clinics and evaluating pilot projects being used to close quality gaps in these areas. Intern will learn project management and quality improvement skills as well as learn about prevention and wellness in women's health. Project can support one intern.

#### Bladder Interstitial Cystitis genomic project:

We currently have a genomic project on the markers for Bladder Interstitial Cystitis. The student will help in data gathering, preparing for abstract submission. While they are on the project they can learn the lab techniques as well shadow the resident in obtaining the specimens. Project can support one intern.

#### The Emergence and Development of the Field of Substance Abuse Prevention in the U.S.:

The intern will conduct literature reviews, web searches, and review and code documents related to the extent to which substance abuse prevention efforts in the U.S. have focused on women and girls. This will include review of mass communication/education campaigns. Project can support one intern.

#### The role of estrogen signaling on Type 1 diabetes initiation and progression:

Both depleted and excess estrogen levels have been associated with increased incidence of diabetes. The molecular details underlying this observation are largely undetermined. This project will focus on determining transcriptional targets of the estrogen receptor in pancreatic beta-cells with an emphasis on cell survival and insulin secretion pathways. Experimentation will include culture of cell lines and islets, transfection, and gene expression profiling. Project can support 1-2 interns.