

## **Esther C. Beeson**

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**Education:** B. A., Political Science, Tulane University (2005)  
M.S.P.H., Tulane University School of Public Health and Tropical Medicine (2008)  
Tulane University, School of Medicine, class of 2012

### **Academic/Research Experience**

**2009- present**, Dr. Allan V Kalueff's Research Lab, Tulane University Medical School

- Research involving animal behavioral, pharmacological, stress and drug-related psychiatric disorders, using mouse and zebrafish models.

**2008 (Summer)** *Field Course in Tropical Medicine*, Kenema, Sierra Leone

- observed on medical rounds and in clinical and research laboratories
- participated in ongoing research and field programs
- participated in didactic and discussion sessions
- visited local and international non-governmental organizations involved in primary health care and control programs

**2008 (Spring)** *Practicum*, under Dr. Elizabeth Didier at the TPRC, Sero-Diagnosis of *Enterocytozoon bienersi*

- research methods included: polymerase chain reaction, ligation with a plasmid vector, transformation of *E. coli* cells, colony screening and Western blot.

**2005 (Spring): *Independent Studies***, under Dr. Joan Bennett in a microbiology lab at Tulane University

- Conducted research on the toxigenic species *Aspergillus flavus* on complex and defined media at different temperatures in co-ordination with the Southern Regional Research Laboratories.
- Monitored different physiological parameters on mold morphology.
- Wrote an abstract and created a scientific poster that was presented at the Mycological Society of America annual convention.

**2005 (Spring): *Research Assistant***, under Dr. Jewel Reuter and Dr. Joan Bennett in a Newcomb College Foundation Grant Project

- Transcription of audio files from interviews integral to ongoing research to the development of BioDatamation™ and related technological developments and research pertaining to improving learning methods for topics essential to the biological sciences, i.e. cellular respiration and photosynthesis
- Assistance in the formatting and merging of the dissertation and appendices.
- Assistance in the data analysis as per inquiry into the project's research question: Does technology help women learn basic concepts in General Biology?

**2003-2004 Academic year: *Chapter President***, The National Society of Collegiate Scholars, Tulane University (a national honors society promoting community service and activism)

- Oversaw the development of several programs emphasizing tutoring and mentoring underprivileged children.
- Organized chapter meetings, food drives, socials, and volunteer recruitment.
- Maintained administrative correspondence with national advisor in Washington, DC.
- Wrote chapter by-laws and election guidelines.

### **Work Experience:**

**November 2005- November 2007: *Data Coordinator***, Ochsner Cancer Institute, New Orleans, LA.

- Coordinated subjects participating in NCI sponsored clinical trials in follow up status.

- Contributed to CCOP grant progress report including writing the narrative summary.
- Participated in quality control of data submission for 5 regional component sites.
- Assisted CCOP Administrator in submission of regulatory documents to the local IRB.

**May-October 2006: *Interim CCOP Administrator*, Ochsner Cancer Institute**

- Managed and coordinated daily operations of Cancer Research Center in collaboration with the Director and Medical Director of Research during transition period, including the following :
- Coordinated the government funded clinical trial program, which includes but is not limited to the Community Clinical Oncology Program (CCOP), Gynecology Oncology Group (GOG) and the Children's Oncology Group (COG).
- Responsible for the submission of all regulatory documents including annual reviews, protocol amendments, local adverse event and IND safety alert reporting for approximately 40 active studies and 150 studies in follow up.
- Served as liaison between research bases, Principal Investigators, local IRB, CIRB and CCOP component programs.
- Acted as primary contact during institutional audits and developed appropriate action plans in response to the auditor's findings.
- Actively participated in the development of an appropriate action plan to address issues related to Hurricane Katrina and staffing shortages.
- Obtained and submitted accrual data for quarterly Cancer Committee meetings and annual NCI reports.