

# JHS GTEC DHW Certificate Program

## JHS GTEC DHW Scholar Schedule of Activities 2014-2015

Jackson Heart Study (JHS) Graduate and Training Education Center (GTEC) Daniel Hale Williams (DHW) Scholar Program is committed to connecting our scholars to our expert mentors. With a wide range of career experiences, mentors can provide invaluable advice and guidance to our scholars to help them enhance their cardiovascular epidemiology background and to acquaint them with successful research techniques and manuscript writing strategies. GTEC DHW mentors are poised to develop the next generation of public health leaders and to help scholars discover their career paths. To achieve this objective, GTEC DHW mentors make themselves available to the scholars by phone or email to do a resume review, discuss networking strategies, or conduct an informational interview about their career path and their research interests. The type of contact and commitment is determined by the mentor.

### **For Scholars:**

Email your mentor. Suggest a few areas in which you need guidance (e.g., informational interview, resume review, networking, research strategies, or job search strategies). It is best to ask about the mentor's availability (and not assume a large time commitment) to provide guidance in person, over the phone, or over email. Be courteous about time and be willing to accommodate the mentor's schedule as much as is possible.

**Program Objective:** To increase the capacity of graduate scholars to develop "the science and art of preventing disease, prolonging life, and promoting health".

**Program Description:** Scholars will expand their public health skills through training in cardiovascular epidemiology, biostatistics, and social epidemiology. Scholars will do research using the JHS data sets and interact with researchers and investigators familiar with the JHS data and JHS research. They will also interact with renowned scientists from institutions around the country and participate in research, presentations, and publications.

**Program Outcomes:** Upon DHW scholar program completion, scholars will receive a certificate and will have become better equipped with the ability to reduce the gap in public health expertise operating in underserved communities, to improve health care delivery, and to eliminate or reduce health disparities.

<p>During <b>Year 2</b> of the program, mentors will guide the DHW Scholars to conduct research, develop manuscripts for publication, and do presentations using JHS datasets. Before moving on to the JHS datasets in <b>Year 2</b>, during <b>Year 1</b>, DHW Scholars will determine the specific type of statistical analyses in which they want to develop advanced expertise and select a particular theoretical model they would like to adapt in their research. They would then locate national and other datasets (e.g NHANES, NCES etc.)</p>
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that they will use to develop competencies and practice their research skills (statistical analyses of their choice and theoretical framework components). As they develop competencies, they will practice using these datasets and write papers for presentation at local events (e.g JHS colloquium, Research Forum, Research Rounds etc. The goal of the **Year 1** activities will be the initiation of work towards the production of at least one manuscript and one presentation using the datasets selected.

The goal of **Year 2** activities will be a presentation at a national conference (e.g APHA) either as an individual presenter or a participant in a panel discussion.

The activities of the enrichment courses will be designed to coordinate their competencies in statistical analyses and to adapt theoretical frameworks to the research conducted. The quarterly seminars and summer institutes will serve to enhance development of these competencies.

### **Daniel Hale Williams Scholars Schedule of Activities**

#### **YEAR 1**

Year 1 Fall and Spring Semesters will emphasize the enrichment curriculum. The enrichment curriculum will help to guide the scholars to focus on developing research methodology (specifically advanced skills in the area of research design, statistical analysis, and theoretical approaches). The curriculum will help each scholar to develop advanced skills in some aspect of statistical analysis (e.g multivariate statistics) that they will be applying in their research. Mentors (LC Advisors) will guide scholars through topic selection and development process, while the scholars are engaged in the enrichment curriculum.

#### **Summer**

##### **Summer 2014 – May 12 – August 8**

Orientation

Research Camp

Meet with LC Advisor—Develop study topic in collaboration with the LC Advisors (Mentors)

Participate in Seminar in Contemporary Public Health Issues

Participate in Summer Institute—Michigan State University/Jackson State University/or other venues as assigned

## Fall

### **Fall 2014 – August 25 – December 19**

**GTEC 800-01:** CARDIOVASCULAR DISEASE EPIDEMIOLOGY- DR. AZAD R BHUIYAN—  
SATURDAY, SEPTEMBER 27, 2014, VENUES –JACKSON STATE UNIVERSITY, SCHOOL OF  
HEALTH SCIENCES, TIME: 9:00AM-5:00PM

**GTEC 801-01:** Hot Topics in Epidemiology/ Health Disparities/Health Equity- DR.  
RICARDO BROWN-- SATURDAY, OCTOBER 18, 2014, VENUES –JACKSON STATE  
UNIVERSITY, SCHOOL OF HEALTH SCIENCES, TIME: 9:00AM-5:00PM

**GTEC 802-01:** Anatomy and Physiology/ Introduction to social epidemiology/research  
methods in social epidemiology-- DR. ISAAC PERKINS--- SATURDAY, NOVEMBER 22, 2014,  
VENUES –JACKSON STATE UNIVERSITY, SCHOOL OF HEALTH SCIENCES, TIME: 9:00AM-  
5:00PM

**GTEC 803-01:** Applied Biostatistics/ JHS Data Analysis-- DR. JUNG LEE—SATURDAY,  
DECEMBER 6, 2014, VENUES –JACKSON STATE UNIVERSITY, SCHOOL OF HEALTH  
SCIENCES, TIME: 9:00AM-5:00PM

Meet with LC Advisor-Work on developing research study  
Seminar in Contemporary Public Health Issues—TO BE DECIDED BY GTEC

Research Day--- Students attend and present research at JSU Fall conference—October  
16, 2014

## Spring

### **Spring 2015 – January 25 – April 19**

**GTEC 800-02:** CARDIOVASCULAR DISEASE EPIDEMIOLOGY- DR. AZAD R BHUIYAN--  
SATURDAY, JANUARY 17, 2015, VENUES –JACKSON STATE UNIVERSITY, SCHOOL OF  
HEALTH SCIENCES, TIME: 9:00AM-5:00PM

**GTEC 801-02:** Hot Topics in Epidemiology/ Health Disparities/Health Equity- DR.  
RICARDO BROWN- SATURDAY, FEBRUARY 21, 2015 OF EACH MONTH, VENUES –JACKSON  
STATE UNIVERSITY, SCHOOL OF HEALTH SCIENCES, TIME: 9:00AM-5:00PM

**GTEC 802-02:** Anatomy and Physiology/ Introduction to social epidemiology/research  
methods in social epidemiology-- DR. ISAAC PERKINS—SATURDAY, MARCH 21, 2015,  
VENUES –JACKSON STATE UNIVERSITY, SCHOOL OF HEALTH SCIENCES, TIME: 9:00AM-  
5:00PM

**GTEC 803-02: Applied Biostatistics/ JHS Data Analysis-- DR. JUNG LEE—SATURDAY, APRIL 18, 2015, VENUES –JACKSON STATE UNIVERSITY, SCHOOL OF HEALTH SCIENCES, TIME: 9:00AM-5:00PM**

Meet with LC Advisor- Work on developing research study  
Seminar in Contemporary Public Health Issues

## **YEAR 2**

Year 2 emphasis will be on completing the research and manuscript publication under the guidance of the mentor

## **Summer**

### **Summer 2015 – May 12 – August 8**

Orientation  
Research Camp  
Seminar in Contemporary Public Health Issues  
Summer Institute—Michigan State University  
Meet with LC Advisor- Work on developing research study  
Seminar in Contemporary Public Health Issues

## **Fall**

### **Fall 2015 – August 25 – December 19**

Meet with LC Advisor- Work on developing research study  
Seminar in Contemporary Public Health Issues  
Research Day--- Students attend and present research at JSU Fall conference- October 2015

## **Spring**

### **Spring 2016 – January 15 – May 2**

Meet with LC Advisor-- Work on developing research study  
Seminar in Contemporary Public Health Issues

**Students must attend at least 85% of the DHW Scholar Program activities.**