Agenda
GeoMedicine: The Fundamentals of Health and Place
Contributing Instructors: Abi Oluyomi PhD, Linda Highfield PhD, & Kai Zhang PhD
June 1, 2018
Houston, Texas
Contact: Michelle McDaniel at *Michelle.R.McDaniel@uth.tmc.edu*
713-500-9447

Friday   June 1, 2018

9:30-10:00   **Registration and Sign-in**
(30 mins.)

10:00-10:15   **Welcome and Introductions**
(15 mins.)

10:15-11:30   **GIS and Health: Foundations and Overviews**
(1hr. 15 mins.)   General introduction to the art and science of geoinformatics, and its relationship with health. At the end of this session attendees will be able to: (1) list the foundational elements of the geoinformatics field; (2) paraphrase the meaning of geographical information system (GIS); (3) recall basic GIS concepts and state the elemental principles of GIS; (4) recall specific GIS analytical tools that are used for healthcare delivery and research purposes; (5) give examples of how GIS is used in the healthcare industry.

11:30-12:15   **Lunch**
(45 mins.)

12:15-1:30   **GIS and Health: Health Industry Use Cases**
(1hr. 15 mins.)   Introduction to the GIS use cases that address inpatient, outpatient, and community health needs as well as hospital administration and health systems strategic needs. At the end of this session attendees will be able to: (1) outline the start-to-finish workflow of the GIS application processes that could be used to address a specific type of healthcare need in different settings (e.g. inpatient vs. community health needs); (2) give at least one example of a healthcare need that can be addressed using GIS procedures.

1:30-2:15   **ArcGIS Hands-On Exercise**
(45 mins.)   Opportunity for attendees to use the ArcGIS application on a personal computer. At the end of this session, attendees will be able to: (1) list at least one GIS-related technological device; (2) identify the different types of data that are used for geoprocessing in ArcGIS; (3) state at least one example of a deliverable from spatial analysis in ArcGIS.

2:15-2:30   **Wrap-up, Course Evaluation and Closing**
(15 mins.)   Presentation of the training's key messages and opportunity for attendees to ask general questions.

Course location, Parking information and Check-in procedures on Page 2

Course Location Information:

Baylor College of Medicine
1 Baylor Plaza
DeBakey Room M321 (3rd Floor)
Houston, Texas 77030

Parking Information
The Texas Medical Center offers parking for visitors coming to the TMC campus.
Garage 4 located at 1499 Rosedale St, Houston, TX 77030 is the closest parking option.

Parking is $12.00/day.

Continue north past the main fountain at 1 Baylor Plaza on Cullen Street. Once you've reached the intersection of Cullen and Ross Sterling, turn right into the entrance of Garage 4. Push the green button at the entry to receive a SmartChip. Exit the parking garage at Ross Sterling Ave., and walk south along Cullen to the Baylor College of Medicine Alkek Building entrance.

Security/Check-in Procedure:
Upon entering the Alkek Building, you will be greeted by BCM security.
Please bring your Government ID or another form of legal ID.
Advise security you are attending a course in M321. You will be issued a badge to wear during your time at BCM.To the right of the security desk is a set of elevators for the DeBakey building. Take those elevators to the 3rd floor. You will find Classroom M321 off the elevators on the 3rd floor.