



Julia Jones Matthews  
Department of Public Health

**Faculty Positions —MPH Program**

The Department of Public Health at the Texas Tech University Health Sciences Center is seeking exceptional candidates for an Assistant/Associate/ Full Professor at the Abilene campus. We hope to hire two faculty with this search with focused interest in finding an individual in the area of Environmental/Occupational Health and an Epidemiologist and a Biostatistician.

The candidate must possess a Dr.PH or ScD, or a PhD in a Public Health discipline. An MD with an MPH is also acceptable. We encourage applications from diverse research areas; priority will be given to candidates with previous academic position(s) especially in programs or schools of public health.

Salary, academic rank and tenure are commensurate with experience. A comprehensive benefits package is included.

<http://www.texas-tech.edu/careers/> See Requisitions: 12497BR; 12690BR; 13108BR

*As an EEO/AA employer, the Texas Tech University System and its components will not discriminate in our employment practices based on an applicant's race, color, religion, sex, national origin, age, disability, genetic information or status as a protected veteran.*



**Summer 2018  
Online Course in Applied Biostatistics  
Analysis of National Health Survey Data**

The Department of Epidemiology and Biostatistics at University of Maryland School of Public Health will offer an online course "Analysis of National Health Survey Data". In this applied biostatistics course, participants will learn how to access and use national survey datasets, apply survey weights, account for complex survey designs, and conduct weighted multiple regression analysis to answer research questions. Course activities and assignments will provide hands-on exposure to analyzing publicly available data produced from nationally representative health surveys such as the National Health Interview Survey (NHIS), the National Immunization Survey (NIS), and the National Health and Nutritional Examination Survey (NHANES). Upon successful completion of this course, students will be issued a certificate. Dr. Taylor Lewis, the instructor to this course, is a well-accomplished statistician and has ample experience in survey data analysis. He holds a Ph.D. in Survey Methodology. He will use his newly-published book to teach this course.

Cost (non-credit): \$600.  
Semester: Summer 2018 (July 9 - August 17)

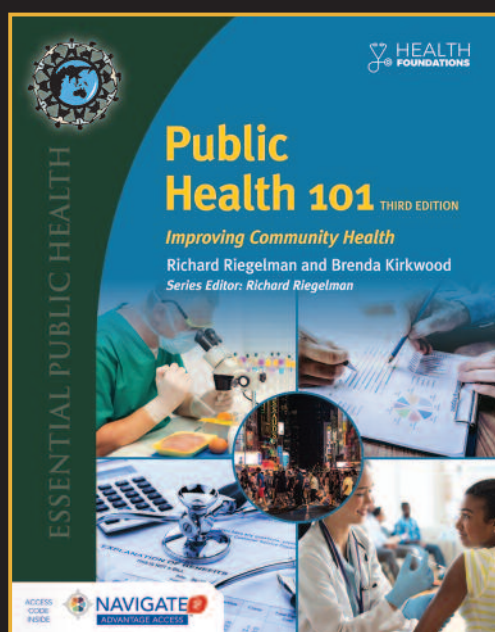
Registration: visit  
<https://umd-sph.catalog.instructure.com/courses/epib-anhsd>

For more information about this course, please visit <http://sph.umd.edu/departement/epib/epib-summer-courses>.

**Course Module Topics**

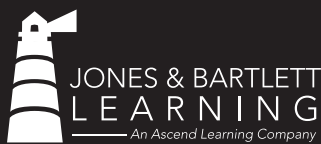
1. Overview
2. Features of Complex Survey Data
3. Descriptive Statistics for Continuous Variables
4. Categorical Variable Analysis
5. Linear Regression with Survey Data - Part I
6. Linear Regression with Survey Data - Part II
7. Logistic Regression with Survey Data - Part I
8. Logistic Regression with Survey Data - Part II
9. Survey Analysis with Survey Data
10. Domain Estimation

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