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**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. Survival Analysis with Survey Data
10. Domain Estimation

Moving Life Course Theory Into Action: Making Change Happen

EDITED BY SARAH VERBIEST, DRPH, MSW, MPH



Over the past decade, practitioners in the field of maternal and child health have gained a general understanding of Life Course Theory and its potential application to practice. This book focuses on moving Life Course Theory into practice, thereby filling a need for practitioners across a variety of fields and

providing them with valuable strategies on how to apply this approach.

Moving Life Course Theory Into Action is designed to fit into the busy lives of practitioners. With new ideas and strategies delivered in a compact handbook style format, each chapter includes key points that offer a quick summary of the main lessons advanced by the authors.

ISBN: 978-087553-2950, 496 pages, Softbound, 2018

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