**HEALTH CARE ECONOMICS**

**MODULE 1: INTRODUCTION TO HEALTH CARE ECONOMICS**

**Learning objectives**

* Understand core concepts of economics
* Understand how health care is related to the most important problems facing the US
* Understand basic economic terminology
* Understand core principles of macroeconomics and its relationship to health care
* Understand basic concepts of health care economics
* Understand why health/health care economics has its own economic field of study
* Understand the factors that influence health status
* Understand the social determinants of health
* Describe key aspects of health care spending in the US
* Understand what is driving health care costs
* Describe the important/unique aspects of health care economics
* Understand health disparities
* Understand rationale choice theory

**Book Chapters**

Chapter 1: Choices, money, medicine and health

Chapter 13: Macroeconomics of health care

**PowerPoint lectures**

* Module 1.1 = Slides 5, 6, 7, 9, 12
* Module 1.2 = All
* Module 1.3 = 4 – 9
* Module 1.4 = All
* Module 1.5 = All

**VIDEOS = OPTIONAL**

* [**Macro vs. Micro economics**](https://www.youtube.com/user/mjmfoodie)
* [**Social determinants of health**](https://youtu.be/I7iSYi3ziTI)
* [**Law of diminishing marginal utility**](https://youtu.be/wFrGhooQheU)
* [**The problem with race-based medicine**](https://www.ted.com/talks/dorothy_roberts_the_problem_with_race_based_medicine)
* [**Joe Flower explains healthcare economics in 5 minutes**](https://www.youtube.com/watch?v=4Ry1AkbxRQU)
* [**Dr. Sharma explains health economics**](https://www.youtube.com/watch?v=bUay9DV__G0)
* [**The economics of healthcare: Crash Course: Econ #29**](https://www.youtube.com/watch?v=cbBKoyjFLUY)
* [**Scarcity is not a shortage**](https://www.youtube.com/watch?v=nJUFmiFvUXk)
* [**Khan academy: Consumption function**](https://www.youtube.com/watch?v=wHPGFPIcILM)
* [**Consumption function**](https://www.youtube.com/watch?v=7EMzkDbeuGU)

**READINGS = OPTIONAL**

* [Economics: A to Z](http://www.economist.com/economics-a-to-z)
* [What is economics? Understanding the discipline](https://www.aeaweb.org/resources/students/what-is-economics)
* Bookboon: [Practical guide to contemporary economics](http://bookboon.com/en/practical-guide-to-contemporary-economics-ebook)
* Micro vs. Macro Economics
  + Microeconomics: [A general overview](http://content.moneyinstructor.com/929/microeconomics-overview.html)
  + Macroeconomics: [A general overview](http://content.moneyinstructor.com/926/macroeconomics-overview.html)
  + [Investopedia](http://www.investopedia.com/ask/answers/110.asp)
  + [Economics help](http://www.economicshelp.org/blog/6796/economics/difference-between-microeconomics-and-macroeconomics/)
  + [Udemy: Blog](https://blog.udemy.com/difference-between-micro-and-macro-economics/)
  + [International Monetary fund](http://www.imf.org/external/pubs/ft/fandd/basics/bigsmall.htm)
* [The opportunity cost of relationships](http://econblog.aplia.com/2010/03/opportunity-costs-of-relationships.html)
* [Production possibility frontier](http://www.tutor2u.net/economics/reference/production-possibility-frontier)
* [Production possibilities frontier](http://ingrimayne.com/econ/ActionsResults/ProdPoss.html)
* Aplia Econ Blog: [Opportunity cost](http://econblog.aplia.com/search/label/Opportunity%20Cost)
* [20 products that are cheaper today than 10 years ago](http://www.aol.com/article/2010/06/30/20-products-that-are-cheaper-today-than-10-years-ago/19528684/?gen=1)
* [What can the law of diminishing marginal utility teach us?](https://mises.org/library/what-can-law-diminishing-marginal-utility-teach-us)
* Utility and [Law of diminishing marginal utility](http://www.investopedia.com/terms/t/totalutility.asp?layout=infini&v=5A&adtest=5A&ato=3000)
* What is health economics [Health and the economy: a vital relationship](http://www.oecdobserver.org/news/archivestory.php/aid/1241/Health_and_the_economy:_A_vital_relationship_.html)
* [How health care affects the economy](http://www.heraldextra.com/business/health-med-fit/how-health-care-affects-the-economy/article_b22549e0-67a5-5989-8753-aa9f3214f55c.html)
* [Social determinants of health](https://www.healthypeople.gov/2020/topics-objectives/topic/social-determinants-of-health)
* [Social determinants of health: know what affects health](http://www.cdc.gov/socialdeterminants/)
* [If you ask Maine](http://www.yesmagazine.org/issues/health-care-for-all/if-you-ask-maine)
* [Are school lunches making your children fat?](http://www.dailymail.co.uk/health/article-3734998/Are-school-lunches-making-child-fat-Study-slams-Michelle-Obama-s-meals-fueling-America-s-obesity-epidemic.html)

**Research articles**

* Feldstein, Martin (1995). The economics of health and health care: What have we learned? What have I learned? *AEA Papers and Proceedings,* 85(2).
* Williams, Shanita, Hansen, Kristen, Smithey, Marian, Burnley, Josepha, Koplitz, Michelle, Koyama, Kirk, Young, Janice, and Bakos, Alexis (2014). Using social determinants of health to link health workforce diversity, care quality and access, and health disparities to achieve health equity in nursing. *Public Health Reports,* 129 (Sup 2), 32-36.
* Multiple pubs: [Social determinants of health](http://www.who.int/social_determinants/publications/en/)
* [Your money and your life: The value of health and what affects it](http://www.nber.org/papers/w6895.pdf)

**Case Studies**

* [Social determinants of health](http://www.who.int/sdhconference/resources/case_studies/en/)

**ASSIGNMENTS = TBD**

* Review economic terms
* Inflation guesser
* Create production possibilities frontier in Excel
* Using economics to save lives
* Opportunity cost: A primer
* Waiting for free cheeseburgers: Worth the opportunity cost
* What is economics really about
* Is health care a right or a privilege
* 5 issues interview