

Economics 6900 (06E:299): Health Economics

University of Iowa
Spring 2016

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Classes: T Th 2:00-3:15
Room: PBB C250
Office Hours: T Th 11:00-12:00

Course Description

This course examines the role of the government in health and health insurance. Federal and state/local spending on health in the United States represent approximately 25 % and 20 % of the respective budgets and these percentages have risen significantly in the last 50 years. Additionally, government expenditures on education and social services have implications for health outcomes. We will examine the different ways government has intervened to influence health outcomes and health insurance markets and the effects of these interventions. More specifically, this course will examine the impact of government intervention on health behaviors and individuals' behavioral responses to government intervention, the influence of anti-poverty and nutrition programs on health outcomes, and the influence of government intervention in health insurance markets on insurance coverage and health outcomes.

Course Requirements

Paper	50 %
Replication Assignment	30 %
Presentations of Articles	10 %
Presentation of Your Paper	10%

Presentations of Articles: Students will lead the discussion of two articles from different topics from the syllabus in class. This will consist of providing a summary presentation of the key points and methodology of the article and coming up with a few questions/comments/ideas for extensions to facilitate the discussion.

When you present an article, as well as when you read an article in preparation for class, you should think about the following overview questions:

- What is the research question that the authors attempt to answer in this paper?
- Why is this paper an improvement on the existing literature?
- Are the results convincing? Why or why not?
- How could this paper be improved or extended to further contribute to the literature?

You should also think about the following specific questions (when applicable):

- How did the authors attempt to answer their specific research question?
- Are there/what are the sources of endogeneity related to this question?
- What is the identification strategy used by the authors?
- What assumptions are necessary for the identification strategy to answer the research question?
- How could the authors demonstrate whether these assumptions are accurate?

Are the identifying assumptions likely to be accurate? Do you find their identification strategy convincing?

What data do the authors use to answer their research question?

What data would be ideal to answer their research question?

Which econometric techniques do the authors use?

What are the primary results of the paper?

What are the implications of these results?

How could/do the authors examine the robustness of the results?

Are the results externally valid?

What are the overall strengths and weaknesses of the paper?

How could the weaknesses be improved?

What additional research questions are generated by this paper?

Paper: Students will prepare a paper on the topic of their choice. The paper should be at least 15 pages and should be prepared in a format similar to the journal articles that we will discuss in class. Students are encouraged to discuss their paper ideas with me and are required to submit a 300 word abstract of the paper by the beginning of week 6 (February 23). The additional references related to the course topics are listed to help you find additional references about any topics that are of particular interest to you as you consider potential topics for this paper. You should begin thinking about a paper topic immediately, and you are encouraged to discuss your paper with me throughout the semester. The final paper, which should incorporate any helpful comments from your presentation, will be due on the date of the last day of finals.

Replication Assignment: Students will attempt replicate a published paper about a topic related to the course in a top field or general interest journal provided that the data and code for the paper are not provided on the journal or authors' websites. This is becoming increasingly rare, particularly with publically available data, so it will take a while to identify a paper to replicate. Students should discuss the paper to replicate with me before beginning the assignment. Students should replicate the first three tables of the published paper and submit a written report (5 pages) that includes the original tables; the replicated tables; describes the topic, data, and econometrics of the original paper; and describes any difficulties with replicating the tables. This assignment is due by the class after Spring Break.

Presentation of Your Paper: Students will present their paper during the last couple weeks of the course. The format will be similar to a seminar presentation and students will have a full class period to present.

Tentative Course Outline

Articles referred to in this outline are available online either through the Iowa library, the organization's working paper series, or Google Scholar. Reading marked with an asterisk are required reading. Readings without an asterisk are recommended reading for students who are particularly interested in a topic. These readings were chosen to give students an introduction to a variety of methodologies and datasets. The focus is primarily on recent papers.

Week 1: Overview: 1/19 and 1/21

Introduction (1/19)

- Cutler, Handbook of Public Economics, Chapter 31, "Health Care and the Public Sector"
- Evans, W., H. Levy, and K. Simon (1996) "Data Watch: Research Data in Health Economics," *Journal of Economic Perspectives*, 14(4), 203-216.
- Morrisey, Michael A., and John Cawley. 2008a. "U.S. Health Economists: Who We Are and What We Do." *Health Economics*, 17(4): 535-543.
- Morrisey, Michael A., and John Cawley. 2008b. "The Production of Published Research by U.S. Academic Health Economists," *International Journal of Health Care Finance and Economics*, 8(2): 87-111.
- Morrisey, Michael A., and John Cawley. 2008c. "Health Economists' Views of Health Policy." *Journal of Health Politics, Policy, and Law*, 33(4): 707-724.
- Cawley, John, and Michael A. Morrisey. 2007. "The Earnings of U.S. Health Economists." *Journal of Health Economics*, 26(2): 358-372.
- Arrow, K. 1963. "Uncertainty and the Welfare Economics of Medical Care" *American Economic Review*, 53(5), 941-73.
- Handbook of Health Economics, Volumes 1A, 1B, 2
- American Society of Health Economists newsletters: <http://ashecon.org/newsletter/>.

Review of applied microeconometrics (1/21): Notation and overview, Sibling FE, IV

Note that this course will involve reading many empirical papers, so we will begin with a review of applied microeconometrics. The following papers are summary papers; for additional readings about specific topics, see the references therein or ask me.

* Imbens and Wooldridge (2009) "Recent Developments in the Econometrics of Program Evaluation," *JEL* 47(1), 5-86. See also their NBER SI notes:

<http://users.nber.org/~confer/2007/si2007/wneprg.html>.

Angrist and Krueger "Empirical Strategies in Labor Economics," *Handbook of Labor Economics*

Heckman and Vytlacil (2007) "Econometric Evaluation of Social Programs, Parts I and II" *Handbook of Econometrics*, Volume 6B.

Blundell, Richard and Monica Costa Dias (2009) "Alternative Approaches to Evaluation in Empirical Microeconomics," *Journal of Human Resources*, 44(3), 565-640.

Lee, David S. and Thomas Lemieux (2009) "Regression Discontinuity Designs in Economics," NBER working paper 14723.

Angrist and Pischke (2009) "Mostly Harmless Econometrics"

DiNardo and Lee (2011) "Program Evaluation and Research Designs," *Handbook of Labor Economics*.

Also recommended for background material is any econometrics text, such as Cameron and Trivedi, Wooldridge, Hayashi, and Greene, among others.

Week 2: Econometrics: 1/26 and 1/28

Review of applied microeconometrics (1/26): RDD and DD

* Imbens and Wooldridge (2009) "Recent Developments in the Econometrics of Program Evaluation," *JEL* 47(1), 5-86.

Lee, David S. and Thomas Lemieux (2009) "Regression Discontinuity Designs in Economics," NBER working paper 14723.

Review of applied microeconometrics: Measurement Error, Survey Weights, and Missing Data
Bound, Brown, and Mathiowetz (2001) "Measurement Error in Survey Data," Handbook of Econometrics.

Cawley and Burkhauser (2006) "Beyond BMI: The Value of More Accurate Measures of Fatness and Obesity in Social Science Research" NBER WP 12291.

Wooldridge (2007) "Missing Data,"

http://users.nber.org/~confer/2007/si2007/WNE/lect_12_missing.pdf.

Blackwell, Honaker, and King (2012) "Multiple Overimputation: A Unified Approach to Measurement Error and Missing Data,"

<http://gking.harvard.edu/files/gking/files/measure.pdf>.

Allison (2002) Missing Data, SAGE University Papers.

Background: Production of Health; Socioeconomic Status and Health (1/28)

* Lleras-Muney, Adriana. 2005. "The Relationship between Education and Adult Mortality in the United States." *Review of Economic Studies*, 72(1): 189-221.

Case, A., D. Lubotsky and C. Paxon. 2002. "Economic Status and Health in Childhood: the Origins of the Gradient" *American Economic Review*, 92(5), 1308-24.

Almond, D., K. Chay and D. Lee. 2005. "The Costs of Low Birthweight" *Quarterly Journal of Economics*, 120(3), 1031-83.

Grossman, M. 1972. "On the Concept of Health Capital and the Demand for Health" *Journal of Political Economy* 80(2), 233-55.

Kenkel, D. 1991 "Health Behavior, Health Knowledge and Schooling" *Journal of Political Economy*, 99(2), 287-305.

Clark and Royer (2013) "The Effect of Education on Adult Health and Mortality: Evidence from Britain," AER

Frisvold and Golberstein (2011) "School Quality and the Education-Health Relationship: Evidence from Blacks in Segregated Schools" JHE.

Cutler, David M., Adriana Lleras-Muney Tom Vogl (2008) "Socioeconomic Status And Health: Dimensions And Mechanisms" NBER WP #14333

Currie, J. and M. Stabile. 2003. "Socioeconomic Status and Child Health: Why is the Relationship Stronger for Older Children?" *American Economic Review*, 93(5), 1813-23.

Almond, D. (2006) "Is the 1918 Influenza Pandemic Over? Long-Term Effects of In Utero Influenza Exposure in the Post-1940 U.S. Population." *Journal of Political Economy*, 114(4) 672-712.

Ruhm, C. 2000. "Are Recessions Good For Your Health" *Quarterly Journal of Economics* 115(2), 617-650.

Week 3: 2/2 and 2/4

Health Behaviors: Externalities and Overview of Approaches to Addressing Externalities

Manning, Willard et al., "The Taxes of Sin," *Journal of the American Medical Association* 1989 (261:11), 1604 – 1609.

Sturm, R., 2002. The effects of obesity, smoking, and drinking on medical problems and costs. *Health Affairs* 21, 245.

Health Behaviors: Smoking and Taxation (2/2)

- * Adda, Jerome and Francesca Cornaglia. (2006). Taxes, Cigarette Consumption, and Smoking Intensity. *American Economic Review*, 96(4) 1013-1028.
- Carpenter and Cook (2008) "Cigarette Taxes and Youth Smoking: New Evidence From National, State, & Local Youth Risk Behavior Surveys," *JHE*
- P DeCicca, D Kenkel, and A Mathios (2002) "Putting out the fires: Will higher taxes reduce the onset of youth smoking?" *JPE*
- Evans, William N. and Matthew C. Farrelly. (1998). The Compensating Behavior of Smokers: Taxes, Tar, and Nicotine. *RAND Journal of Economics*, 29(3), 578-595.
- Chaloupka, F. and K. Warner (2000). "The economics of smoking," in *Handbook of Health Economics*, A. Culyer and J. Newhouse, Eds. Netherlands: North-Holland, Elsevier Science.
- The Price of Smoking*, by Frank A. Sloan, Jan Ostermann, Gabriel Picone, Christopher Conover, and Donald H. Taylor, Jr., MIT Press, 2004.

Health Behaviors: Smoking and Taxation (2/4)

- * Abrevaya and Puzello (2012) "Taxes, Cigarette Consumption, and Smoking Intensity: Comment," *AER*, 102(4): 1751-1763.
- * Adda, Jerome and Francesca Cornaglia. (2013). "Taxes, Cigarette Consumption, and Smoking Intensity: Reply" *American Economic Review*, 103(7): 3102-3114.

Week 4: 2/9 and 2/11

Health Behaviors: Smoking and Regulation (2/9)

- * Evans, Farrelly, and Montgomery (1999) "Do Workplace Smoking Bans Reduce Smoking?" *American Economic Review*, 89(4), 728-747.
- Adams, Scott and Chad Cotti. (2008). Drunk driving after the passage of smoking bans in bars *Journal of Public Economics* Volume 92, Issues 5-6, Pages 1288-1305
- Adda, Jerome and Francesca Cornaglia. (2010). The Effect of Bans and Taxes on Passive Smoking. *American Economic Journal: Applied Economics*.
- Sloan, F. and J. Trogdon (2004). "The Impact of the Master Settlement Agreement on Cigarette Consumption," *Journal of Policy Analysis and Management*, 23(4): 843-855.
- Cutler et al. (2002). "The Economic Impacts of the Tobacco Settlement," *Journal of Policy Analysis and Management*, 21(1), 1-19.

Health Behaviors: Alcohol (2/11)

- * Hansen (2015) "Punishment and Deterrence: Evidence from Drunk Driving," *AER*.
- Cook and Durrance (2013) "The Virtuous Tax: Lifesaving and Crime-Prevention Effects of the 1991 Federal Alcohol-Tax Increase," *JHE*.
- Cook, P.J., and M. Moore (2000), "Alcohol", in: A. Culyer and J. Newhouse, eds., *Handbook of Health Economics*, Vol. B (Elsevier, Amsterdam) pp. 1629-1673.
- Manning, W.G., Blumberg, L., and L.H. Moulton (1995) "The Demand for Alcohol: The Differential Response to Price," *Journal of Health Economics*, 14, 123-148.
- Paying the Tab*, Philip J. Cook, Princeton University Press, 2007.
- Dee, Thomas S. "Does Setting Limits Save Lives? The Case of 0.08 BAC Laws," *Journal of Policy Analysis and Management* 20(1): 113-130.

- Markowitz and Grossman (2000) “The Effects of Beer Taxes on Physical Child Abuse,” *Journal of Health Economics*, 19(2), 271-282.
- Carpenter, Christopher and Carlos Dobkin (2009) “The Effect of Alcohol Consumption on Mortality: Regression Discontinuity Evidence from the Minimum Drinking Age,” *American Economic Journal: Applied Economics*, 1(1), 164-182.
- Dee, Thomas S. “Does Setting Limits Save Lives? The Case of 0.08 BAC Laws,” *Journal of Policy Analysis and Management* 2001 20(1): 113-130.
- Watson and Fertig (2009) “Minimum Drinking Age Laws and Infant Health Outcomes,” *JHE*.
- Carrell, Hoekstra, West (2010) “Does Drinking Impair College Performance? Evidence from a Regression Discontinuity Approach,” NBER WP.
- Lovenheim and Slemrod (2010) “The Fatal Toll of Driving to Drink: The Effect of Minimum Legal Drinking Age Evasion on Traffic Fatalities,” *JHE*.
- DiNardo, J. and T. Lemieux (2001). “Alcohol, Marijuana, and American Youth: The Unintended Consequences of Government Regulation,” *Journal of Health Economics*, 20(2001): 991-1010.
- Ayyagari et al. (2013) “Understanding Heterogeneity in Price Elasticities in the Demand for Alcohol for Older Individuals,” *Health Economics*.

Week 5: 2/16 and 2/18

Week 6 (Obesity): 2/23 and 2/25

Paper abstracts due (2/23)

Health Behaviors: The Rise in Obesity (2/23)

- * Courtemanche (2009) “Rising Cigarette Prices and Rising Obesity: Coincidence or Unintended Consequence?” *JHE*
- Cawley, John and Chad Meyerhoefer (2011) “The Medical Care Costs of Obesity: An Instrumental Variables Approach,” *JHE*.
- Chou, S.-Y., M. Grossman and H. Saffer, “An economic analysis of adult obesity: results from the behavioral risk factor surveillance system,” *Journal of Health Economics* **23** (2004), pp. 565–587.
- Gruber, J and Frakes, M, (2006). “Does falling smoking lead to rising obesity?” *Journal of Health Economics*, 25:2, 183-197.
- S. Chou, M. Grossman and H. Saffer, Reply to Jonathan Gruber and Michael Frakes, *Journal of Health Economics* **25** (2006), pp. 389–393.
- Courtemanche and Wehby (2012) “The Heterogeneity of the Cigarette Price Effect on Body Mass Index,” *JHE*.
- Bhattacharya, Jay, Kate Bundorf, Noemi Pace, and Neeraj Sood (2009). Does Health Insurance Make You Fat? NBER Working Paper 15163.
- Finkelstein, Ruhm, and Kosa (2005) “Economic Causes and Consequences of Obesity,” *Annual Review of Public Health*, 26, 239-257.
- Bhattacharya and Sood (2005) “Health Insurance and the Obesity Externality,” NBER WP 11529.
- Finkelstein, E.A., Trogdon, J.G., Cohen, J.W., Dietz, W. 2009. “Annual Medical Spending Attributable to Obesity: Payer- And Service-Specific Estimates.” *Health Affairs*, doi: 10.1377/hlthaff.28.5.w822

Health Behaviors: Approaches to Reducing Obesity (2/25)

* Bollinger, Leslie, and Sorensen (2011) "Calorie Posting in Chain Restaurants," *AEJ: Economic Policy*

Anderson, Patricia M. and Kristin F. Butcher (2006) "Reading, Writing, and Refreshments: Are School Finances Contributing to Children's Obesity?" *Journal of Human Resources*, 41 (3), 467-494.

Variyam and Cawley (2006) "Nutrition Labels and Obesity," NBER WP 11956

Cawley, John, Chad Meyerhoefer, and David Newhouse. (2007). The Impact of State Physical Education Requirements on Youth Physical Activity and Overweight. *Health Economics*, 16(12), 1287-1301.

Cawley, Frisvold, and Meyerhoefer (2013) "The Impact of Physical Education on Obesity among Elementary School Children," *JHE*.

Fletcher, Frisvold, and Tefft (2010) "The Effects of Soft Drink Taxes on Child and Adolescent Consumption and Weight Outcomes," *Journal of Public Economics*.

Week 7: 3/1 and 3/3

Poverty and Nutrition: Overview (3/1)

* Bhattacharya, Jayanta, Janet Currie, Steven Haider (2004) "Poverty, Food Insecurity, and Nutritional Outcomes in Children and Adults," *Journal of Health Economics*, 23, 839-862.

Holzer, Harry J., Diane Whitmore Schanzenbach, Greg J. Duncan, and Jens Ludwig (2007) "The Economic Costs of Poverty in the United States: Subsequent Effects of Children Growing Up Poor," Institute for Research on Poverty Discussion Paper 1327-07.

Poverty and Nutrition: School Nutrition Programs (3/3)

* Tchernis, Millimet, and Husain (2009) "School Nutrition Programs and the Incidence of Childhood Obesity," *JHR*.

Schanzenbach, Diane Whitmore (2009) "Do School Lunches Contribute to Childhood Obesity?" *JHR*.

Bhattacharya, Jayanta, Janet Currie, and Steven J. Haider (2006) "Breakfast of Champions? The School Breakfast Program and the Nutrition of Children and Families," *Journal of Human Resources*, 41 (3), 445-466.

Frisvold (2015) "Nutrition and Cognitive Achievement: An Evaluation of the School Breakfast Program," *Journal of Public Economics*.

Week 8: 3/8 and 3/10

Poverty and Nutrition: The Food Stamp Program (3/8)

* Almond, Hoynes, and Schanzenbach (2011) "Inside the War on Poverty: The Impact of Food Stamps on Birth Outcomes," *Review of Economics and Statistics*, 93(2): 387-403.

Kreider, B., J. Pepper, C. Gundersen, and D. Jolliffe. "Identifying the Effects of SNAP (Food Stamps) on Child Health Outcomes When Participation is Endogenous and Misreported." *Journal of the American Statistical Association* v107 (499), 958-975. 2012.

Kaushal (2007) "Do Food Stamps Cause Obesity? Evidence from Immigrant Experience," *Journal of Health Economics*, 26, 968-991.

Currie, Janet (2002) "U.S. Food and Nutrition Programs," available at:

http://www.econ.columbia.edu/currie/Papers/US_Food_and_Nutrition.pdf

Poverty and Nutrition: WIC (3/10)

- * Rossin-Slater (2013) “WIC in your Neighborhood: New Evidence on the Impacts of Geographic Access to Clinics,” *Journal of Public Economics*, 102: 51-69.
- Hoynes, Page, and Stevens (2011) “Can Targeted Transfers Improve Birth Outcomes? Evidence from the Introduction of the WIC Program,” *Journal of Public Economics*.
- Figlio, David, Sarah Hamersma, and Jeffrey Roth (2008) “Does Prenatal WIC Participation Improve Birth Outcomes? New Evidence from Florida” *Journal of Public Economics*.
- Bitler and Currie (2005) “Does WIC Work? The Effects of WIC on Pregnancy and Birth Outcomes,” *Journal of Policy Analysis and Management*, 24(1), Winter 2005, pp. 73–91.
- Joyce, Gibson, and Colman (2005) “The Changing Association between Prenatal Participation in WIC and Birth Outcomes in New York City,” *Journal of Policy Analysis and Management*, 24(4), 661-685.
- Bitler and Currie (2005) “The Changing Association between Prenatal Participation in WIC and Birth Outcomes in New York City: What Does It Mean?” *Journal of Policy Analysis and Management*, 24(4), 687-690.
- Ludwig, Jens and Matthew Miller (2005) “Interpreting the WIC debate,” *Journal of Policy Analysis and Management*, 24(4), 691-701.
- Currie and Rajani (2014) “Within-Mother Estimates of the Effects of WIC on Birth Outcomes in New York City,” NBER WP.

Week 9: 3/15 and 3/17

Spring Break: No Class

Week 10: 3/22 and 3/24

Replication Assignment Due on 3/22

Health Insurance: Overview (3/22)

- * Gruber (2008) “Covering the Uninsured in the United States,” *Journal of Economic Literature*, 46(3), 571-606.
- Cutler, David M., and Richard J. Zeckhauser. 2000. “The Anatomy of Health Insurance.” In *Handbook of Health Economics, Volume 1a*, ed. A. J. Culyer and J. P. Newhouse, 563–643. Amsterdam; New York and Oxford: Elsevier Science, North-Holland.
- Levy, Helen and David Meltzer (2001). “What Do We Really Know About Whether Health Insurance Affects Health?” University of Chicago Harris School of Public Policy, Unpublished Working Paper.
- Helen Levy. “The Economic Consequences of Being Uninsured,” Economic Research Initiative on the Uninsured Working Paper 12, October 2002.
- Helen Levy and Thomas DeLeire. “What Do People Buy When They Don’t Buy Health Insurance And What Does that Say About Why They Are Uninsured?” National Bureau of Economic Research Working Paper 9826, July 2003.

Health Insurance: Overview of market failures (3/24)

- * Cutler and Reber (1998) “Paying for Health Insurance: The Trade-Off between Competition and Adverse Selection,” QJE.
- Zeckhauser, “Medical insurance: A case study of the tradeoff between risk spreading and moral hazard,” JET, 1970
- Nyman, “The economics of moral hazard revisited,” JHE, 1999

Week 11: 3/29

Rand Health Insurance Experiment (3/29)

- * Manning, W.G., J.P. Newhouse, N. Duan, E.B. Keeler, A. Leibowitz (1987) “Health Insurance and the Demand for Medical Care: Evidence from a Randomized Experiment,” *American Economic Review*, 77(3), 251-277.
- * Aron-Dine, Aviva, Liran Einav, and Amy Finkelstein (2012) “The Rand Health Insurance Experiment, Three Decades Later,” NBER WP 18642.

Health Insurance: Overview and Crowd Out

- Gruber, Jonathan, and Kosali Simon. 2008. “Crowd-Out Ten Years Later: Have Recent Public Insurance Expansions Crowded Out Private Health Insurance?” *Journal of Health Economics*. 27(2): 201-217.
- Cutler and Gruber (1996) “Does Public Insurance Crowd Out Private Insurance?” QJE.
- Lo Sasso, Anthony T., and Thomas C. Buchmueller. 2004. “The Effect of the State Children’s Health Insurance Program on Health Insurance Coverage.” *Journal of Health Economics*, 23(5): 1059–82.
- Ham, J. and L. Shore-Sheppard. 2005. “The Effect of Medicaid Expansions for Low-Income Children on Medicaid Participation and Private Insurance Coverage: Evidence from the SIPP” *Journal of Public Economics*, 89(1), 57-83.

Week 12 (Medicaid): 4/5 and 4/7

Health Insurance: Medicaid (4/5)

- * Currie, Janet and Gruber, Jonathan (1996a). "Health Insurance Eligibility, Utilization of Medical Care, and Child Health." *Quarterly Journal of Economics* 11: 431-66.
- Card, David and Lara D. Shore-Sheppard. “Using Discontinuous Eligibility Rules to Identify the Effects of the Federal Medicaid Expansions on Low-Income Children.” *Review of Economics and Statistics* 86 (2004): 752-66.
- Currie, Janet and Gruber, Jonathan (1996b). "Saving Babies: The Efficacy and Cost of Recent Changes in the Medicaid Eligibility of Pregnant Women." *Journal of Political Economy* 104: 1263-96.
- Gruber, Jonathan. 2003. “Medicaid.” In *Means-Tested Transfer Programs in the United States*, ed. Robert A. Moffitt, 15–77. Chicago and London: University of Chicago Press.
- Davidoff, Kenney, and Dubay (2005) “Effects of the State Children’s Health Insurance Program Expansions on Children with Chronic Health Conditions,” *Pediatrics*, 116(1), e34-e42.

Medicaid: The Oregon Example (4/7)

- * Finkelstein, Taubman, Wright, Bernstein, Gruber, Newhouse, Allen, Baicker, and The Oregon Health Study Group (2012) “The Oregon Health Insurance Experiment: Evidence from the First Year,” *Quarterly Journal of Economics*, 127(3):1057-1106.
- Baicker et al. (2013) “The Oregon Experiment – Effects of Medicaid on Clinical Outcomes,” *New England Journal of Medicine*, 368(18): 1713-1722.
- Taubman et al. (2014) “Medicaid Increases Emergency Department Use: Evidence from Oregon’s Health Insurance Experiment,” *Science*, 343(6168), 263-268.
- Baicker et al. (2014) “The Impact of Medicaid on Labor Market Activity and Program Participation: Evidence from the Oregon Health Insurance Experiment,” AER.

Allen et al. (2010) “What the Oregon Health Study Can Tell Us About Expanding Medicaid,” *Health Affairs*, 29(8): 1498-1506.

Week 13 (Medicare): 4/12 and 4/14

Impact of Medicare (4/12)

- * Card, Dobkin, and Maetas (2004) “The Impact of Nearly Universal Insurance Coverage on Health Care Utilization and Health: Evidence from Medicare,” NBER WP 10365.
- Finkelstein and McKnight (2008) “What Did Medicare Do? The Initial Impact of Medicare on Mortality and Out of Pocket Medical Spending,” *Journal of Public Economics*, vol. 92, pp. 1644-1669.

Impact of Medicare (4/14)

- * Finkelstein (2007) “The Aggregate Effects of Health Insurance: Evidence from the Introduction of Medicare,” *Quarterly Journal of Economics*, vol. 122, no. 3, pp. 1-37.
- Bhattacharya, J. and D. Lakdawalla. 2006. “Does Medicare Benefit the Poor?” *Journal of Public Economics*, 90(1-2), January, 277-292.
- McClellan, M. 2000. “Medicare Reform: Fundamental Problems, Incremental Steps” *Journal of Economic Perspectives*, 14(2), 21-44.

Week 14 (Health Care Reform): 4/19 and 4/21

Evidence from Prior Reforms (4/19)

- * Kolstad and Kowalski (2012) “The Impact of Health Care Reform on Hospital and Preventive Care: Evidence from Massachusetts,” *Journal of Public Economics*, 96, 909-929.
- Buchmueller, Thomas C., John DiNardo, and Robert G. Valleta (2011) “The Effect of an Employer Health Insurance Mandate on Health Insurance Coverage and the Demand for Labor: Evidence from Hawaii,” *American Economic Journal: Economic Policy*, 3, 25-51.
- Courtemanche, Charles and Daniela Zapata (2011) “Does Universal Coverage Improve Health? The Massachusetts Experience,” JPAM.

Early Evidence from the ACA (4/21)

- * Antwi, Moriya, and Simon (2015) “Access to Health Insurance and the Use of Inpatient Medical Care: Evidence from the Affordable Care Act Young Adult Mandate,” JHE.
- Barbaresco, Courtemanche, Qi (2015) “Impacts of the Affordable Care Act Dependent Coverage Provision on Health-Related Outcomes of Young Adults,” JHE.
- Shane, Ayyagari (2014) “Will Health Care Reform Reduce Disparities in Insurance Coverage? Evidence from the Dependent Coverage Mandate,” *Medical Care*, 52(6): 528-534.

Week 15: 4/26 and 4/28

Student Presentations

Week 16: 5/3 and 5/5

Student Presentations

Other Course Details

Other Events: You are encouraged to attend the Davies-deBoer Seminars in Health Economics throughout the semester.

Course Management: I will likely not use ICON for this course, except possibly for grades. I will instead correspond with you directly through e-mail. Send me an e-mail after the first class so that I know your contact information.

This syllabus is not a fixed document and is subject to revisions.

Communication: Communication with students outside of class will primarily occur through e-mail, office hours, and appointments by request. University policy specifies that students are responsible for all official correspondence sent to their University of Iowa e-mail address. The University provides guidance for acceptable etiquette when utilizing electronic communication technologies.

Students with Disabilities: If you have a disability that may require some modification of seating, testing, or any other class requirement, please let me know as soon as possible so that appropriate arrangements can be made. Similarly if you have any emergency medical information about which I should know, or if you need special arrangements in the event the building must be evacuated, please let me know. The Office of Student Disability Services is available to assist you. Students seeking classroom and/or exam accommodations should first register with Student Disability Services (SDS): <http://www.uiowa.edu/sds/>.

Academic Misconduct: Any type of academic misconduct will result in an F for the course grade. Expectations regarding working with others and how to reference the literature will be made clear; however, if you have any questions, you should e-mail me. All incidents of cheating or plagiarism will be reported to the Associate Dean of the Tippie College of Business and the student may be placed on disciplinary probation for the remainder of his or her undergraduate work at the University of Iowa. In general, the decision of the Professor may be appealed to the College of Business' Judicial Board, then to the Associate Dean for the Undergraduate Program. The Honor Code for the Tippie College of Business will determine the appropriate appeal process. By enrolling in this course, you agree to be bound by the Honor Code, which can be found here: <http://www.biz.uiowa.edu/upo/honorcode.html>.

Sexual Harassment: The University will not tolerate sexual harassment, nor will it tolerate unwelcomed behavior of a sexual nature toward members of the University community when that behavior creates an intimidating or hostile environment for employment, education, on-campus living, or participation in a University activity. Incidents of sexual harassment should be reported immediately. See the UI Comprehensive Guide on Sexual Harassment for assistance, definitions, and the full University policy: <http://www.sexualharassment.uiowa.edu/index.php>. Concerns regarding sexual harassment should be directed to the Office of the Sexual Misconduct Response Coordinator (<http://osmrc.uiowa.edu/>).

Grievance Policy: Student concerns regarding this course should first be discussed with me, the faculty member teaching this course. If we can't resolve the complaint, you may contact the

departmental executive officer of the Department of Economics (Professor Solow, W210 PBB). If you cannot resolve the complaint by speaking with the DEO, you should take your concern to the Dean's Office (C120 PBB).

Writing Support: The Writing Center is available to provide support on all aspects of the writing process. For more details, visit their website: <http://www.uiowa.edu/~writingc/index.shtml>.