

PUBHHMP 7624 – Health Economics for Experience Professionals Autumn 2025 Syllabus

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The Ohio State University College of Public Health
PUBHHMP 7624– Health Economics for Experienced Professionals
3 credit hours – Fall 2025
Division of Health Services Management & Policy

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Class Format Asynchronized Distance Learning

Office Hours via Zoom:

- Wednesdays 6:30 pm – 7:30 pm ET
- Saturdays 9 am–10 am ET
- or by appointment
- [Join from Zoom Workplace app - Zoom](#)
 - https://osu.zoom.us/j/8833290788?pwd=N2luYnRqZzhkNWx2YzZGSzA2ZlJldz09&device_id=a87fe76a-91bc-40c0-a21a-9d97975d5ac1#success

I. Course Description

This course applies the principles of economics and concepts of political economy to health care sectors, with special emphasis on issues relevant to public health professionals. No prior study of economics or political economy is required for this course.

This course uses asynchronized distance learning.

II. Course Goals

The student who successfully completes this course will:

- Acquire the knowledge of fundamental economic principles
- Recognize the economic rationale behind health care issues
- Appreciate the role of economics in health care policy
- Critically think about how health economics principles apply to health care reforms
- Understand how the application power and politics impacts the application of economic principles

III. Course Objectives

Upon successful completion of this course, students will be able to (these objectives correspond to the HSMP, MPH competencies listed in parenthesis)

- (1) Accurately explain key concepts of health economics (HSMP MPH-1, MPH PEP Spec-2, 3; MPH Core 5).
- (2) Discuss current health policy issues using appropriate economic perspectives (HSMP-5, 6, 10; MPH PEP Spec-2, 3, 7; MPH Core 5, 12).
- (3) Apply key elements of microeconomic concepts to the analysis of health care. These key concepts include supply and demand of health care, the role of prices, income, and information, the market for health insurance, economic evaluation tools, and the fundamentals of hospital and physician services production. (HSMP-1, 10; MPH PEP Spec-2, 3, 7; MPH Core 5, 11, 12).
- (4) Analyze the influence of Affordable Care Act provisions using elementary economic tools (HSMP-2, 6, 10; MPH PEP Spec-2, 3, 7; MPH Core 5, 11, 12, 14, 15).
- (5) Develop interpersonal and collaborative skills to work effectively with others towards a common goal (HSMP-1, 10; MPH Core 11).

IV. Class Format

How this distance-learning course works

Mode of delivery: This course is 100% distance learning. Students will be expected to complete readings, complete course assignments and view pre-recorded lectures. The course also requires significant reading, studying, and work through the Carmen website.

Credit hours and work expectations: This is a **3-credit-hour course**. According to Ohio State policy (go.osu.edu/credithours), students should expect an average of 3 hours per week of time spent on direct instruction (instructor content and Carmen activities, for example) in addition to 6 hours of homework (readings, assignments, for example) to receive a grade of (C) average. In total, students should expect about **9 hours of work** each week for this class.

Attendance and participation requirements: Because this is an online course, your attendance is based on your online activity and participation. The following is a summary of students' expected participation:

- **Participating in online class activities:** **AT LEAST ONCE PER WEEK** you are expected to log in to the course in Carmen every week (Monday-Sunday by 11:59pm). (During most weeks you will probably log in many times.) If you have a situation that might cause you to miss an entire week of class, discuss it with me *as soon as possible*. I will post announcements or check-in messages via Carmen at least once per week.

- **Office hours:** Participating in office hours is optional. However, there is a chance to earn up to 4 points of extra credit.
- **Mandatory participation in assignments:** Students are expected to participate in the online assignments on the course' topics as described in the assignment section.

Policies for Late/Missed Assignments and Poor Performance on Assignments

All assignments are due as specified in this syllabus as well as in Carmen course calendar. If there is a discrepancy between this syllabus and the Carmen course calendar, always follow the course calendar.

Delays due to unforeseen events (e.g., serious illness, death in family, etc.) will be treated on a case-by-case basis by the instructor and will require documentation for the extenuating circumstance. If for some reason you feel that events preclude you being able to complete an assignment on the scheduled date, you must arrange with the instructor *ahead of time*. Exceptions are very rare and will be considered on a case-by-case basis.

Assignments turned in late, without prior agreement, will receive reduced points as follows:

- 1 day late – 80% of score for the assignment
- 2 days late – 70% of score for the assignment
- 3-4 days late – 50% of score for the assignment
- 5-7 days late – 40% of score for the assignment
- More than one week late – No points

Communication

I will communicate with students through Carmen announcements, Carmen postings, or one of my OSU emails (William.hayes@osumc.edu or hayes.331@osu.edu). I will often post announcements or other postings each week. You are responsible for getting announcements, checking Carmen and your email regularly. I will provide feedback to assignments through Carmen posts, recordings or during the office hours.

I encourage each student to communicate with me. I am happy to hear from you and encourage you to get in touch.

Please note the following important points, however:

- The response time for emails is 48 hours **during weekdays**. Please plan ahead and do not ask questions at the last minute. You may hear back from an instructor in less than 48 hours or during the weekend, but you should not expect this.
- Please stay on top of content and announcements in Carmen and consult your syllabus frequently. I will prioritize e-mails asking clarifying questions about the content of the course, as well as other individual problems and questions.
- For course content related questions, please direct them to me.

- For syllabus related, other procedure clarification questions, or assignment submission questions, please email the teaching assistant and copy the professor in your email.

V. Text/Readings:

I normally do not use textbooks in my courses. However, last term I came across a recently released one that I found to be affordable, succinct, and more accessible than any I have encountered before. It worked last year and I am using it again this term. The textbook is [Economics of Health Care: A Brief Introduction](#) by Andrew Friedson. It is available in an ebook format and potentially a regular book version. The purchase price entitles you to only a ebook or a hard copy version (not both).

Therefore, this term there the readings will include a combination of this textbook, readings from journals and other sources, and videos. All readings or videos, other than the textbook, are available online with links include in the syllabus and on Carmen. See below for details of reading assignments.

While the syllabus contains a lot of readings note that they are broken into required and optional readings. Many of the required readings are less than 5 pages. Also, I include a large number of optional readings for those who might want to explore a given topic further. Reading them is at your discretion.

For those wanting a more formal health economics reference text there are many options. They can be purchased used for varying amounts. Given the concepts underlying health economics remain stable the edition version is not that important. One text that I often look at is *The Economics of Health Reconsidered* by Thomas Rice, Lynn Unruh, and Andrew Barnes.

Also, Barnes and Noble has two Spark Notes primers that I use as refreshers. I like them because they are not expensive and have the primary information captured in a concise manner. One primer is on [Microeconomics](#) and the other is on [Macroeconomics](#).

VI. Grading:

Class grades are determined according to the following weights:

Week 1 Reading or Video Analysis	5%
Expert Assignment	30%
Country Assignment	35%
Discussion Posts (original and reaction)	20%
Final Essay	10%
Total	100%

There are several extra credit opportunities, as well.

Course grade is based on a weighted average of the components listed above. The grading scale is as follows:

- A 100-94 Outstanding work that reflects mastery of the material and the ability to apply it critically and creatively
- A- 93-90 Excellent work that reflects mastery of the material
- B+ 89-87 Good work that reflects mastery of most of the material
- B 86-83 Good work that reflects mastery of some of the material
- B- 82-80 Good work that reflects mastery of a few aspects of the material
- C+ 79-77 Mediocre work that reflects familiarity with, but not mastery of the material
- C 76-73 Mediocre work that reflects familiarity with most of the material
- C- 72-70 Mediocre work that reflects some familiarity with the material
- D 60-69 Mediocre work that reflects little familiarity with the material
- F Under 60

Grades below B- indicate significant problems in understanding and/or ability to apply course concepts and/or or a failure to meet stated course requirements.

As this is a required course for the program, all students are required to receive at least a B-.

Please note that the instructor reserves the right to adjust the grading scale if it appears necessary due to overall class performance.

VII. Course technology

For help with your password, university email, Carmen, or any other technology issues, questions, or requests, contact the Ohio State IT Service Desk. Standard support hours are available at ocio.osu.edu/help/hours, and support for urgent issues is available 24/7.

- **Self-Service and Chat support:** ocio.osu.edu/help
- **Phone:** 614-688-4357(HELP)
- **Email:** servicedesk@osu.edu
- **TDD:** 614-688-8743

Technology skills needed for this course

- Basic computer and web-browsing skills
- Navigating Carmen (go.osu.edu/canvasstudent)
- CarmenZoom virtual meetings (go.osu.edu/zoom-meetings)
- Recording a slide presentation with audio narration (go.osu.edu/video-assignment-guide)
- Recording, editing, and uploading video (go.osu.edu/video-assignment-guide)

Required equipment

- Computer: current Mac (MacOs) or PC (Windows 10) with high-speed internet connection
- Webcam: built-in or external webcam, fully installed and tested
- Microphone: built-in laptop or tablet mic or external microphone
- Other: a mobile device (smartphone or tablet) to use for BuckeyePass authentication

Required software

- Microsoft Office 365: All Ohio State students are now eligible for free Microsoft Office 365. Full instructions for downloading and installation can be found at go.osu.edu/office365help. *Carmen access*

You will need to use BuckeyePass (buckeyepass.osu.edu) multi-factor authentication to access your courses in Carmen. To ensure that you are able to connect to Carmen at all times, it is recommended that you take the following steps:

- Register multiple devices in case something happens to your primary device. Visit the BuckeyePass - Adding a Device help article for step-by-step instructions (go.osu.edu/add-device).
- Request passcodes to keep as a backup authentication option. When you see the Duo login screen on your computer, click **Enter a Passcode** and then click the **Text me new codes** button that appears. This will text you ten passcodes good for 365 days that can each be used once.
- Download the Duo Mobile application (go.osu.edu/install-duo) to all of your registered devices for the ability to generate one-time codes in the event that you lose cell, data, or Wi-Fi service

If none of these options will meet the needs of your situation, you can contact the IT Service Desk at 614-688-4357(HELP) and IT support staff will work out a solution with you.

VIII. Accommodation

Any student who feels s/he may need an accommodation based on the impact of a disability should contact me privately to discuss your specific needs. Please contact the Office of Student Life: Disability Services at 614-292-3307 in room 098 Baker Hall to coordinate reasonable accommodations (<http://www.ods.ohio-state.edu/>).

Our inclusive environment allows for religious expression. Students requesting accommodations based on faith, religious or a spiritual belief system in regard to examinations, other academic requirements or absences, are required to provide the instructor with written notice of specific dates for which the student requests alternative accommodations within the first 14 days of the beginning of the semester.

IX. Student Support

Mental Health Services: As a student you may experience a range of issues that can cause barriers to learning, such as strained relationships, increased anxiety, alcohol/drug problems, feeling down, difficulty concentrating and/or lack of motivation. These mental health concerns or stressful events may lead to diminished academic performance or reduce a student's ability to participate in daily activities. The Ohio State University offers services to assist you with addressing these and other concerns you may be experiencing.

If you or someone you know are suffering from any of the aforementioned conditions, you can learn more about the broad range of confidential mental health services available on campus via the Office of Student Life's Counseling and Consultation Service (CCS) by visiting ccs.osu.edu or calling 614-- 292--5766.

CCS is located on the 4th Floor of the Younkin Success Center and 10th Floor of Lincoln Tower. You can reach an on call counselor when CCS is closed at 614--292--5766 and 24 hour emergency help is also available through the 24/7 National Suicide Prevention Hotline at 1--800--273--TALK or at suicidepreventionlifeline.org.

X. Academic integrity

Academic integrity is essential to maintaining an environment that fosters excellence in teaching, research, and other educational and scholarly activities. Thus, The Ohio State University, the College of Public Health, and the Committee on Academic Misconduct (COAM) expect that all students have read and understood the University's *Code of Student Conduct* and the School's *Student Handbook*, and that all students will complete all academic and scholarly assignments with fairness and honesty. The *Code of Student Conduct* and other information on academic integrity and academic misconduct can be found at the COAM web pages (<http://oaa.osu.edu/coam/home.html>). Students must recognize that failure to follow the rules and guidelines established in the University's *Code of Student Conduct*, the *Student Handbook*, and in the syllabi for their courses may constitute "Academic Misconduct."

The Ohio State University's *Code of Student Conduct* (Section 3335-23-04) defines academic misconduct as: "Any activity that tends to compromise the academic integrity of the University, or subvert the educational process." Examples of academic misconduct include (but are not limited to) plagiarism, collusion (unauthorized collaboration), copying the work of another student, and possession of unauthorized materials during an examination. Please note that the use of material from the Internet without appropriate acknowledgement and complete citation is plagiarism just as it would be if the source were printed material. Further examples are found in the *Student Handbook*. Ignorance of the *Code of Student Conduct* and the *Student Handbook* is never considered an "excuse" for academic misconduct.

If I suspect a student of academic misconduct in a course, I am obligated by University Rules to report these suspicions to the University's Committee on Academic Misconduct. If COAM determines that the student has violated the University's *Code of Student Conduct* (i.e., committed academic misconduct), the sanctions for the misconduct could include a failing grade in the course and suspension or dismissal from the University. If you have any questions about the above policy or what constitutes academic misconduct in this course, please contact me.

Other sources of information on academic misconduct (integrity) to which you can refer include:

- [Committee on Academic Misconduct](https://go.osu.edu/coam) (go.osu.edu/coam)
- [Ten Suggestions for Preserving Academic Integrity](https://go.osu.edu/ten-suggestions) (go.osu.edu/ten-suggestions)
- [Eight Cardinal Rules of Academic Integrity](https://go.osu.edu/cardinal-rules) (go.osu.edu/cardinal-rules)

XI. AI Policy

Artificial intelligence (AI) tools are becoming increasingly available for use in doing academic work. AI can assist in answering questions, generating ideas, identifying journal publications and others of information, and synthesizing research findings. It can also write drafts or help edit drafts.

At the same time, AI is not perfect. There is a concept called [AI hallucinations](#) which refers to AI response that contain false or misleading information presented as fact. Sometime AI-generated responses have made up studies or court cases that never existed. For instance, there have been multiple [reports](#) where lawyers have filed AI-generated briefs that cited made up court cases when making their argument. There are lawyers facing potential penalties and cases being dismissed because of these briefs containing made up cases. points. AI hallucination is impacting health-care related work, too. In June [reports](#) came out that FDA's AI tool Elsa has been found have made up some studies during the FDA review process. The original MAHA Commission report, which some believe was created in part through AI, was [found](#) to "contain references to studies that do not exist, misrepresentations of scientific conclusions, and other errors."

For this course. students can use AI to assist in their assignments. However, you are NOT to replace your brain in the completion of the finished product of any assignment.

If you use AI for any assignments you need to:

- Doublecheck the sources cited by AI to make sure they exist
- Confirm the accuracy of the summary of information by AI by checking with another source or reading the articles cited

- Formally cite AI as a source of information when you take any of this information and incorporate it into the assignment.

In addition, if using AI to assist with drafting and revising written work the final work needs to be in your voice and not be singularly written by AI.

XII. Class Conduct

A positive learning environment relies upon creating an atmosphere where diverse perspectives can be expressed. Because economic tools are widely used in health policy making process, some of the course materials can involve pressing and sometimes controversial political issues. However, in this class, we will focus on engaging in the mutual exploration of issues as presented in the course readings as scholars rather than in defending points of view we formed outside the classroom.

Each student is encouraged to take an active part in class discussions and activities.

Disagreement and challenging of ideas in a supportive and sensitive manner is encouraged.

Hostility and disrespectful behaviors are not acceptable.

XIII. Class Schedules

The schedule below contains an approximate outline for the course. Some materials may take longer or shorter to cover than the time allocated, and therefore the syllabus and readings are subject to change.

The assignment due dates are set to provide students with the greatest flexibility. However, finishing assignments the last minute is strongly discouraged.

XIV. Carmen

There is a Carmen site for this course: <https://carmen.osu.edu>. All course materials are available via Carmen.

You will need to use BuckeyePass (buckeyepass.osu.edu) multi-factor authentication to access your courses in Carmen. To ensure that you are able to connect to Carmen at all times, it is recommended that you take the following steps:

- Register multiple devices in case something happens to your primary device. Visit the BuckeyePass - Adding a Device help article for step-by-step instructions (<https://admin.resources.osu.edu/buckeyepass/adding-a-device>)
- Request passcodes to keep as a backup authentication option. When you see the Duo login screen on your computer, click **Enter a Passcode** and then click the **Text me new**

codes button that appears. This will text you ten passcodes good for 365 days that can each be used once.

- Download the Duo Mobile application (<https://admin.resources.osu.edu/buckeyepass/installing-the-duo-mobile-application>) to all of your registered devices for the ability to generate one-time codes in the event that you lose cell, data, or Wi-Fi service

If none of these options will meet the needs of your situation, you can contact the IT Service Desk at 614-688-4357(HELP) and IT support staff will work out a solution with you.

XV. Intellectual Diversity

Ohio State is committed to fostering a culture of open inquiry and intellectual diversity within the classroom. This course will cover a range of information and may include discussions or debates about controversial issues, beliefs, or policies. Any such discussions and debates are intended to support understanding of the approved curriculum and relevant course objectives rather than promote any specific point of view. Students will be assessed on principles applicable to the field of study and the content covered in the course. Preparing students for citizenship includes helping them develop critical thinking skills that will allow them to reach their own conclusions regarding complex or controversial matters.

XVI. Grievances and Solving Problems

A student who encounters a problem related to his/her educational program has a variety of avenues available to seek resolution. According to University Policies, if you have a problem with this class, you should seek to resolve the grievance concerning a grade or academic practice by speaking first with the instructor or professor. Then, if necessary, you may take your case to the department chairperson. Specific procedures are outlined in [Faculty Rule 3335-8-23](#), the [CPH Graduate Student Handbook](#), and the [CPH Undergraduate Student Handbook](#). Grievances against graduate, research, and teaching assistants should be submitted first to the supervising instructor, then to the chairperson of the assistant's department.

Creating an Environment Free from Harassment, Discrimination, and Sexual Misconduct

The Ohio State University is committed to building and maintaining a community to reflect diversity and to improve opportunities for all. All Buckeyes have the right to be free from harassment, discrimination, and sexual misconduct. Ohio State does not discriminate on the basis of age, ancestry, color, disability, ethnicity, gender, gender identity or expression, genetic information, HIV/AIDS status, military status, national origin, pregnancy (childbirth, false pregnancy, termination of pregnancy, or recovery therefrom), race, religion, sex, sexual orientation, or protected veteran status, or any other bases under the law, in its activities, academic programs, admission, and employment. Members of the university community also have the right to be free from all forms of sexual misconduct: sexual harassment, sexual assault, relationship violence, stalking, and sexual exploitation.

To report harassment, discrimination, sexual misconduct, or retaliation and/or seek confidential and non-confidential resources and supportive measures, contact the Civil Rights Compliance Office:

Online reporting form at <http://civilrights.osu.edu/>,
Call 614-247-5838 or TTY 614-688-8605,
Or Email civilrights@osu.edu

The university is committed to stopping sexual misconduct, preventing its recurrence, eliminating any hostile environment, and remedying its discriminatory effects. All university employees have reporting responsibilities to the Civil Rights Compliance Office to ensure the university can take appropriate action:

- All university employees, except those exempted by legal privilege of confidentiality or expressly identified as a confidential reporter, have an obligation to report incidents of sexual assault immediately.
- The following employees have an obligation to report all other forms of sexual misconduct as soon as practicable but at most within five workdays of becoming aware of such information: 1. Any human resource professional (HRP); 2. Anyone who supervises faculty, staff, students, or volunteers; 3. Chair/director; and 4. Faculty member.

XVIII. ASSIGNMENT DETAILS

Most of the assignments for this course are due toward the end of the term to allow students the time needed to learn and apply the course content to the assignment and to be able to research and pull together the information needed for a quality response. Students are welcome to turn their work in early if they want to better sense how they are doing in the class. For those assignments due at the end of the course I am willing to review drafts and provide feedback to allow students to revise their assignments, if desired, to earn a higher grade.

Personal Bio: Everyone must submit a personal bio with picture or lose 2 points – **Due by September 7**

- The purpose of the bio and picture is to let me know about who is taking the class and so I can better recognize you as we aren't meeting in person
- As part of the response please include any major issues or questions you hope get discussed in this course

Week 1 Reading or Video Analysis – 5 points – Due September 10

Week one includes several readings or videos that present an overview of the U.S. health system. Two of them contain different views on why U.S. health care costs are so high (Green and Doren videos). In the reading by Reinhardt and Cheng, the authors discuss how they expect health-care cost containment efforts will reshape the U.S. system.

You will be getting this information at the beginning of this course. It will be interesting to see how, if at all, your perspective on them might change between the beginning and end of the course.

To pursue this line of inquiry you will complete two assignments, an initial essay and a final essay. For the assignment you will select one of the following three Week 1 readings/videos:

- John Green's video on [Why Are American Health Care Costs So High?](#)
- Lee Doren's video [responding to John Green's video](#)
- Summary of presentation by Uwe Reinhardt and Tsung-Mei Cheng on the [Ethical Structure of Sustainable Health Spending](#)

[Reinhardt and Cheng Summary of Presentation](#)

The reading or video you select for the Week 1 assignment will be the same one you will use for the Final Essay assignment

Your Week 1 essay is to address three things:

- What is the essay's argument
 - Succinctly explain the main argument(s) of the author(s)/blogger
 - No need to repeat everything said in the video or reading
 - Identify any underlying assumption(s) that underlie how your author/blogger comes to their conclusion
- Your initial take on the essay's argument
 - Indicate whether you are inclined to agree or disagree with their argument based on what you know currently
 - Include what makes you so inclined
- What you need to better assess the essay's argument
 - Identify at least two questions you would want more information about to better assess your author/blogger's argument
 - Identify information you would want to learn more about during this semester to be able to better evaluate the accuracy of their argument

When writing your essay:

- It should not exceed 2 pages single-spaced or 4 pages, double-spaced
- You can use bullets where appropriate, if desired
 - Bullets often shorten the length of an essay while making it easier to understand the points you are trying to make

For more details see the assignment rubric and my video going over the assignment.

Expert assignment – 30 points

The purpose of this assignment is to allow each student to gain a deeper understanding of health economics through the perspective of a single health economist. At least three students will be assigned the same health economist. The paper and online posting portion of this assignment can be done individually or as a group project. The comparison reflection portion is to be done individually, even if you did the other work as a group. ***(working jointly with classmates assigned the same country is strongly encouraged as it both lessen your individual workload and enhance the learning experience)***

1. Paper (22 points) consisting of three sections – ALL PARTS DUE November 22

- **Short Biography** on your assigned expert (2 points)
- **Analysis (15 points)** Discuss your experts take on 5 of the following topics (if doing as an individual) or 8 (if doing as a group project). Each analysis is to be 2 pages single-spaced or 4 pages double-spaced. For each topic include information from at least 2 sources (can be from the 10 works you are required to find (see below) and/or any course readings by your expert included in the course syllabus). The topics are divided into the following 12 categories. The categories and topics are included in the rubric at the end of this syllabus and in the PowerPoint slides that accompany the video explaining the assignment. You can select up to two topics within any category:
 - Overall issues
 - Health care coverage
 - Health care costs and prices
 - Health care markets
 - Health care utilization
 - Health care regulations
 - Health care organization and delivery
 - Health care payment
 - Cost effectiveness analysis
 - Pharmacy
 - Disparities and social drivers of health
 - Other
- **Bibliography with short summary (5 points)**
 - Must contain 10 works by your assigned expert if assignment is done individually
 - 15 works if done as a group
 - Must include a summary of two sentences for each work that explains
 - The purpose of the specific work (sentence 1)
 - A main argument, finding, or conclusion discussed in the work (sentence 2)
 - Works can be actual personal interview¹, published journal articles, testimony, blog entries, editorials, books, chapters from a textbook, or videos
 - All works count as 1, except books (other than textbooks or an interview you do with the expert)
 - Non-textbooks and interviews count as 4 works
 - For textbooks can include up to 4 chapters, each chapter with its own separate entry in the bibliography and summary
 - Worth 1 point per chapter

2. Post on 2 Weekly Topics (3 points) -- At least twice during the term, share your expert's take regarding the weekly topic on assigned class discussion board

- For those working as group, you need to post three (3) times during the term
- Due by November 22

¹ Note: Interviewing an expert is encouraged, however, we don't want experts contacted for multiple interviews. If you opt to contact your assigned expert for an interview, please coordinate with other classmates who are assigned the same expert. It is acceptable to jointly interview or use the same interview (perhaps record it with permission).

3. **Expert Comparison Reflection** (5 points) On a designated class discussion board, post a reflection on the views of the expert you are to react to. Use at least one of the topics discussed by the individuals or group assigned to this expert for your reflection. Your reflection should include two parts: 1) your personal take on this expert and 2) how your own expert would react to this other expert. (Comparison expert will be assigned.)
 - **Due by December 3**

For more details see the assignment rubric and my video going over the assignment.

Country Assignment – 35 points

The purpose of this assignment is to allow each student to gain a deeper understanding of different ways that countries with similar economic strength to the U.S. work to meet the health needs and address health system challenges. At least three students will be assigned the same country (the same three students who were assigned the health expert). The video, PowerPoint slide deck, and online posting portion of this assignment can be done individually or as a group project. The comparison reflection portion is to be done individually, even if you did the other work as a group. **(working jointly with classmates assigned the same country is strongly encouraged as it both lessen your individual workload and enhance the learning experience)**

1. **Weekly Topic Post** (7 points) – On class discussion board, discuss how assigned country addresses the weekly lecture topic for weeks 5 through 14
 - Need to post on at least 7 of these 10 weeks
 - **PowerPoint and up to 12-minute video** (23 points) on features of country's health care system)
 - PowerPoint worth 12 points (due by December 5)
 - Video worth 11 points (due by December 8)
 - Points deducted for videos longer than 12 minutes, with amount of deduction increasing by amount video exceeds 12 minutes
 - Categories of topics to be covered in PowerPoint are described below, with more details on the topics included in the rubric at the end of the syllabus and a video on the assignment
 - **(working jointly with classmates assigned the same country is encouraged)**
 - **Country Comparison Reflection** (5 points) Submit an up to 3-page reflection comparing your country's health care system to your assigned reflection
 - Reflection to include
 - Similarities and differences between the two countries on how they handle providing health care coverage
 - Your thoughts on your reflection country's health care system
 - What take your expert has or you believe would have on your reflection country
 - **Due by December 10**

Topics to cover in the country assignment PowerPoint fall into the following categories:

- Overall demographic, economic, and political features of your country
- Overall health rankings and key health-related data on your country
- Structure of health care coverage

- Health care benefits
- Health care financing
- Health care organization and delivery
- Health care payment
- Health care costs and prices
- Health care utilization
- Pharmacy
- Regulation
- Health disparities and social drivers of health
- Workforce
- Where are things going
- Views on the country's health system

Topics to cover in the video portion of the assignment

The video is NOT to cover everything included in the PowerPoint slide deck on your country. It is to provide the listener with a general understanding of the structure of health care coverage, financing, delivery, costs, and outcomes in your country, along with the current challenges facing the existing system and any reform efforts underway or recommendations to improve the current system.

Reminder that this video is to be **no longer than** 12 minutes.

For more details see the assignment rubric and my video going over the assignment.

Final Essay (10 points) – Due by December 14

The final essay assignment is for you to critically assess the Week 1 reading you chose for your opening assignment based on the information you have learned throughout this course. You are to explain whether you agree with or do not agree with the arguments of this author(s)/blogger and why. In writing your response you are required to incorporate five of the terms/concepts from the list below. You are to use the term correctly and be sure to explain its meaning to the reader of the essay. The purpose of this assignment is to demonstrate your understanding of the materials shared during the term. It will include you effectively incorporate the required number of terms/concepts chosen from a list provided with the essay question provided to students and students providing a well- presented, coherent discussion/response to the essay question.

You DO NOT need to do any additional research for this essay. You are to use class readings and videos, lectures, information from your expert or country assignments, and/or your own real-world experiences in health care as the basis for your answer, providing appropriate citations. You can include figures or tables, if appropriate.

Here is the list of terms/concepts to choose your required 5 terms/concepts from to include in your response:

- Moral hazard
- Behavioral economics

- Tragedy of the commons
- Tragedy of the anti-commons
- Elastic and inelastic demand
- Social drivers of health
- Market failure
- Chronic stress
- Opportunity cost
- Disruptive innovation
- QALY
- Asymmetric information
- Principal and agent relationship
- Human capital
- Value-based insurance design
- Alternative payment models
- Low-value care
- Maslow's hierarchy of needs
- Regulatory burden
- Market entry barriers

This essay is to be no more than 5 pages single-spaced.

For more details see the assignment rubric and my video going over the assignment.

Discussion Cohort Reflections and Responses 20 points

1. **Weekly Lecture Reflections** (15 points, 1.5 per reflection): Post to group discussion board an original short reflection on at least 3 of the weekly readings OR one lecture and at least one reading for 10 of the 14 weeks of the semester.
 - **Due within 1 week of the end of each week's readings and lectures.**
2. **Weekly Discussion Response** (5 points, 0.5 points per week) Post a response, comment or observation regarding another discussion group members Weekly Readings/Lecture Reflection for 10 of the 14 weeks of the semester.
 - **Due within 2 weeks of each week's readings and lectures.**

See Discussion Board Assignment Calendar for exact due dates for each of the course

For more details see the assignment rubric and my video going over the assignment.

Extra Credit Opportunities: (12 possible points)

- Additional discussion board posts/reflections – up to 4 points (up to 1 point per extra post)
- Inclusion of an optional reading in discussion board post – up to 2 points (up to .25 points per discussion board post that includes discussion of an optional reading)
- Additional country posts on weekly topics – up to 1 point
- One additional expert post on weekly topic – up to 1 point
- Actively participate in office hour discussion session – up to 4 points

Assignments by whether must be done by individual student or can be done as group project

Assignment	Individual	Individual or Group option
Personal Bio	X	
Week 1 reading or video Analysis	X	
Discussion Board posts on readings	X	
Final Essay	X	
Expert Paper		X
Expert Discussion posts		X
Other expert reflection	X	
Country Video and PowerPoint		X
Country Discussion posts		X
Other country reflection	X	

DISCUSSION BOARD ASSIGNMENTS CALENDAR

Week Number	Topic	Week Date	Discussion Original	Discussion Response	Country post	Expert post*
1	Intro/Overview	25-Aug	7-Sep	14-Sep	NA	NA
2	Why Health	1-Sep	14-Sep	21-Sep	NA	NA
3	Economic Concepts	8-Sep	21-Sep	28-Sep	NA	NA
4	Market Model	15-Sep	28-Sep	5-Oct	NA	NA
5	Health Coverage	22-Sep	5-Oct	12-Oct	5-Oct	By 11/22
6	Utilization	29-Sep	12-Oct	19-Oct	12-Oct	By 11/22
7	Cost and Prices	6-Oct	19-Oct	26-Oct	19-Oct	By 11/22
8	Workforce	13-Oct	26-Oct	2-Nov	26-Oct	By 11/22
9	Organization & Delivery	20-Oct	2-Nov	9-Nov	2-Nov	By 11/22
10	Payment	27-Oct	9-Nov	16-Nov	9-Nov	By 11/22
11	Evaluation & CEA	3-Nov	16-Nov	23-Nov	16-Nov	By 11/22
12	Quality and Reg	10-Nov	23-Nov	30-Nov	23-Nov	By 11/22
13	Pharmacy Case Study	17-Nov	30-Nov	7-Dec	7-Dec	By 11/22
Thanksgiving		24-Nov	NA	NA	NA	NA
14	Where Are Things Going?	1-Dec	7-Dec	14-Dec	14-Dec	By 11/22
15	Conclusion	8-Dec	NA	NA	NA	NA
Finals						

*Expert post due dates are at your discretion but must be turned in no later than 11/22, with the number due depending on if you select the individual or group option for the expert assignment

OTHER ASSIGNMENTS DUE DATES CALENDAR

Assignments/Tasks	Due Date
Personal bio	7-Sep
Country as group or solo	7-Sep
Expert as group or solo	7-Sep
Week 1 video/reading analysis	10-Sep
Expert paper	22-Nov
Expert reflection	3-Dec
Country PowerPoint	5-Dec
Country video	8-Dec
Country reflection	10-Dec
Final essay	14-Dec

OFFICE HOURS - With Extra Credit Opportunity

I will hold office hours twice a week, one on Wednesday evening from 6:30 – 7:30 and Saturday morning from 9:00 – 10:00. [Join from Zoom Workplace app - Zoom](#). These sessions have two purposes:

- Provide clarification and answers to questions on assignments or from materials shared in lectures or readings
- Engage in discussion on identified topics per session
 - Students can earn up to 4 extra credit points by actively participating in these discussions – up to 1 point per office hour session

OFFICE HOURS SESSIONS WITH TOPIC TO DISCUSS (Extra Credit Opportunity)

Office Hour Date	Topic*
9/3/2025	Victor Fuchs week 1 reading
9/6/2025	International comparisons
9/10/2025	Determinants of health
9/13/2025	MAHA Commission
9/17/2025	Behavioral economics
9/20/2025	No session
9/24/2025	No session
9/27/2025	No session
10/1/2025	Free market model and challenges to it
10/4/2025	Does coverage matter; options on how to provider coverage
10/8/2025	OBBBA; waste, fraud, and abuse in coverage programs
10/11/2025	Moral hazard; low value care
10/15/2025	No session - Fall break
10/18/2025	No session - Fall break
10/22/2025	Can prevention say money
10/25/2025	Commercial, Medicare & Medicaid prices
10/29/2025	Financialization of health
11/1/2025	AI and health care
11/5/2025	Alternative payment models; options to better control prices
11/8/2025	Hospital and physician payments
11/12/2025	QALY; cost effectiveness role
11/15/2025	Cifu and Mandrola readings
11/19/2025	Current FDA, FTC, CMS, HHS activities
11/22/2025	Your government regulation experiences
11/26/2025	No session - Thanksgiving break
11/29/2025	No session - Thanksgiving break
12/3/2025	Strategies to control drug prices
12/6/2025	Drug shortages; PBMs

* Or can discuss some other class reading or article/issue a student wants to talk about

XIX. COURSE READINGS BY SESSION

Readings are broken into the following groups each week, sometimes with subsections in a given week:

- Required (all students are expected to read in each section within the given week)
- Optional (students are encouraged)
- Resources (sources of information could be worth reviewing at one's leisure)

WEEK 1 (8/25) INTRO TO HEALTH ECONOMICS AND OVERVIEW OF US HEALTH SYSTEM

The purpose of this week's lecture and readings are as follows:

1. Review the course structure, logic, and assignments.
2. Provide a high-level overview of what is health economics, why understanding economics matters.
3. Introduce how different economists and policy analysts, using similar analytic tools, can come to different conclusions on the U.S. health care system.
4. Provide a high-level overview on the U.S. health system.

INTRODUCTION TO HEALTH ECONOMICS

REQUIRED (35 PAGES)

Coursera. What Is Health Economics and Why Is It Important? Updated on Mar 29, 2024 (3 pages)
<https://www.coursera.org/articles/health-economics?msocid=19b359f937f369b02a894d4f362f68c6>

David Thompson. Types of Health Economics Models. The Science Times. December 1, 2023. (7 pages)
<https://www.sciencetimes.com/articles/47413/20231201/types-of-health-economics-models.htm>

Dino Bozonelos et. al. [What is Political Economy](#). Libre Texts. (4 pages)

Victor Fuchs. What Every Philosopher Should Know About Health Economics. Proceedings of the American Philosophical Society. June 1996. (10 pages) <https://www.jstor.org/stable/pdf/987324.pdf>

Uwe Reinhardt and Tsung-Mei Cheng: The ethical structure of sustainable health spending. PNHP. Excerpts from presentation at Altarum Center for Sustainable Health Spending. July 12, 2016. 5 pages.
<https://pnhp.org/news/reinhardt-and-cheng-the-ethical-structure-of-sustainable-health-spending/>

Jim Saksa. [From the left and the right, these two thinkers are upending Washington's neoliberal consensus](#). Roll Call. April 3, 2024 (6 pages) <https://rollcall.com/2024/04/03/stoller-cass-upending-washington-neoliberal-consensus/>

OPTIONAL

What is the minimum a doctor should know about health economics? (3 pages)
<https://www.scielo.br/j/rbsmi/a/Nmr8szLgQKKy473kXDWDc3S/?lang=en>

[Health Economists Urge Passage of Reform](https://archive.nytimes.com/economix.blogs.nytimes.com/2010/02/26/health-economists-urge-passage-of-reform/). February 26, 2010. The New York Times (2 page)
<https://archive.nytimes.com/economix.blogs.nytimes.com/2010/02/26/health-economists-urge-passage-of-reform/>

Tim Sobierski. 2021. What is health economics? Harvard Business School (1 page)
<https://online.hbs.edu/blog/post/what-is-healthcare-economics>

Michael Cannon. Health Reformers' Worst Idea. February 25, 2010. (1 page)
<https://www.cato.org/commentary/health-reformers-worst-idea>

Anne Case and Angus Deaton. America Can Afford a World-Class Health System. April 15, 2020. The New York Times (1 page) <https://www.nytimes.com/2020/04/14/opinion/covid-inequality-health-care.html>

INTRODUCTION TO HEALTH ECONOMICS

REQUIRED (35 PAGES)

Coursera. [What Is Health Economics and Why Is It Important?](#) Updated on Mar 29, 2024 (3 pages)

David Thompson. [Types of Health Economics Models](#). The Science Times. December 1, 2023. (7 pages)

Dino Bozonelos et. al. [What is Political Economy](#). Libre Texts. (4 pages)

Victor Fuchs. [What Every Philosopher Should Know About Health Economics](#). Proceedings of the American Philosophical Society. June 1996. (10 pages)

Uwe Reinhardt and Tsung-Mei Cheng: [The ethical structure of sustainable health spending](#). PNHP. Excerpts from presentation at Altarum Center for Sustainable Health Spending. July 12, 2016. (5 pages).

Jim Saksa. <https://rollcall.com/2024/04/03/stoller-cass-upending-washington-neoliberal-consensus/>. Roll Call. April 3, 2024 (6 pages)

OPTIONAL

Phillip Musgrove. [What is the minimum a doctor should know about health economics?](#) Rev Bras. Saude Mater. Infant. August 2001. (6 pages)

David Leonhardt. [Health Economists Urge Passage of Reform](#). February 26, 2010. The New York Times (2 pages)

Tim Sobierski. 2021. [What is health economics?](#) Harvard Business School (1 page)

Michael Cannon. [Health Reformers' Worst Idea](#). February 25, 2010. (1 page)

OVERVIEW OF US HEALTH SYSTEM

REQUIRED (READ ALL) - 25 PAGES

Friedson Chapter 19 – International Comparisons (9 pages)

John Green. [Why Are American Health Care Costs So High?](#) Vlogbrothers. 2013 (7.52 minutes)

Lee Doren. [Video response to John Green](#). 2014. (6.34 minutes)

Lunna Lopes et. al. [American's Challenges with Health Care Costs](#). Kaiser Family Foundation. March 1, 2024. (6 pages)

The Commonwealth Fund. [US Health Care From A Global Perspective, 2022: Accelerating Spending, Worsening Outcomes](#) (8 pages)

CDC. [Health and economic costs of chronic diseases](#). July 12, 2024. (2 pages)

On Structure of the US Health System

Uwe Reinhardt. [The American Dilemma in Health Care. National Institute for Health Care Management](#). The Future of Health Care in America: The ACA and Beyond. September 3, 2014 (41 slides)

[The Hamilton Project. Dozen Facts about Economics of US Healthcare](#) 2020. (18 pages)

Henry David. [US Healthcare Statistics That Are Reshaping the Medical Industry](#) WH Foods. January 8, 2025

On Health Costs and Spending

[Paul G. Peterson Foundation. Why Are Americans Paying More for Healthcare?](#) July 14, 2023. (2 pages)

[Paul G. Peterson Foundation. Infographic: U.S. Healthcare Spending](#) Last updated health March 3, 2025. (2 pages)

[California Health Care Foundation. Infographic – U.S. Health Care Spending: Who Pays? June 30, 2023.](#) (1 page)

[PWC. Medical Cost trend behind the numbers 2024.](#) (14 pages)

Adriana Hernandez-Viver and Emily Mithcell. [Concentration of Health Expenditures and Selected Characteristics of Persons with High Expenses](#) United States Civilian Noninstitutionalized Population, 2018-2021. MEPS Statistical Brief #556. March 2024.

Ani Turner, George Miller, and Elise Lowry. [High U.S. Health Care Spending: Where Is It All Going?](#) The Commonwealth Fund. October 4, 2023

AHIP. Where Does Your Health Care Dollar Go? December 2024.

AMA. [Trends in health care spending](#). Updated April 17, 2025

Jane Sarasohn-Kahn. [Medical Costs Trend at 8.5% in 2026? PWC Sees “No End in Sight” For increased Healthcare Spending](#). HealthPopuli. July 18, 2025

Jane Sarasohn-Kahn. [U.S. Workers Who Get Health Insurance from Work Can Expect Greater Cost-Sharing and New Networks for 2026](#). HealthPopuli. July 12, 2025

On Health Outcomes

CDC. [Leading Causes of Death in Rural America as a Public Health Issue](#). May 16, 2024. (2 pages)

Steven Woolf. [Excess Deaths Will Continue in the U.S. Until Root Causes Are Addressed](#). Health Affairs. November 2022. (2 pages)

Macarena Garcia. [Preventable Premature Deaths from the Five Leading Causes of Death in Nonmetropolitan and Metropolitan Counties, United States, 2010-2022](#). CDC. May 2, 2024 (10 pages).

Mauricio Avendano and Ichiro Kawachi. [Why do Americans have shorter life expectancy and worse health than people in other high-income countries?](#) Annual Rev Public Health. 2014. (12 pages)

[Life Expectancy](#). Peterson-KFF Health System Tracker

[Premature Death](#). Peterson-KFF Health System Tracker

Comparison to Other Countries

Usha Lee McFarling [Spending less, living longer: What the U.S. can learn from Portugal’s innovative health system](#). STAT. December 10, 2024 (15 pages)

Atul Gawande. [Costa Ricans Live Longer Than We Do. What’s The Secret?](#) The New Yorker. August 23, 2021.

World Health System Facts. [Healthcare Spending](#)

Emma Wager and Shameek Rakshit. [What drives health spending in the U.S. compared to other countries?](#). Peterson-KFF Health System Tracker. August 2, 2024

David Blumenthal et. al. [Mirror, Mirror 2024: A Portrait of the Failing U.S. Health System](#). The Commonwealth Fund. September 19, 2024.

Emma Wager et. al. [How does health spending in the U.S. compare to other countries?](#) Peterson-KFF Health System Tracker. April 9, 2025

Vivid Maps. [How does U.S. life expectancy compare to other countries?](#)

Aaron Carroll. [How flawed is life expectancy?](#) The Incidental Economist. October 14, 2010

RESOURCES: RANKINGS OF US HEALTH SYSTEM BY STATES OR FOR OHIO

The Commonwealth Fund. [2023 Scorecard of Health System Performance](#). June 22, 2023

The Health Policy Institute of Ohio. [Health Value Dashboard 2023](#).
https://www.healthpolicyohio.org/wp-content/uploads/2023/04/2023HealthValueDashboard_Final.pdf

[United Health Foundation](#). [America's Health Rankings](#). (Ohio on page 37)

WEEK 2 (9/1) WHY HEALTH MATTERS AND WHAT IMPACTS HEALTH (86 pages)

Often health economics writing focus on health care coverage, service, payment, and delivery. Before starting our understanding of health economic concepts and applying them to these issues I want to step back and examine why we have a focus on health economics in the first place. As part of this examination, we need to think about why health itself matters to make health economics its own field of study. We then also need to explore what impacts health beyond the provision of health care services as these factors can impact the cost-effective delivery of health care services and achieving improved health outcomes.

The Sessions's readings are broken into two sections: 1) Why Health Matters and 2) What Impacts Health. Each has its own required readings associated with it.

WHY HEALTH MATTERS

REQUIRED (READ ALL) – (39 pages)

2022 Economic Report of the President - [Chapter 4](#) pages 128-134 and 144-149 (13 pages)

Deloitte. [US health can't afford health inequities](#). 2022 (4 pages)

Collective Health. [Productivity and healthcare: how benefits influence corporate performance](#). May 16, 2022 (2 pages)

Anupam Jena, Daniel Blumenthal, and Sachin Kamal-Bahl. [Health Care Is an Investment and the U.S. Should Start Treating it Like One](#). Harvard Business Review (3 pages)

HPIO. [Economic Impact of ACEs in Ohio](#). February 12, 2021. (10 pages).

OPTIONAL

On human capital

Rodrigo Soards. [Gary Becker's contributions in health economics](#). Journal of Demographic Economics. 2015 (6 pages)

On economic and social value of good health

Janna Remes, Matt Wilson, and Aditi Ramdoral. Brookings. [How investing in health has a significant economic payoff for developing economies](#). Brookings Institution. July 21, 2020. (2 pages)
([for full report](#))

Osunda Ogbuonji. [Economic Consequences of Better Health, Insights from clinical data](#). BMJ. 2020 (5 pages)

Thomas Selden et al. [Adverse Childhood Experiences: Health Care Utilization and Expenditures in Adulthood](#). July 24, 2024. Health Affairs.

On economic and social costs of health disparities

McKinsey Health Institute. [Closing the women's health gap: A \\$1 trillion opportunity to improve lives and economies](#). January 17, 2024 **read Intro and Executive Summary**. (5 pages)

Cesar Caraballo et al. [Excess mortality and years of potential life lost among the Black population in the US 1999-2020](#). JAMA. May 16, 2023 (9 pages)

Andrew Anderson. [The High Costs of Ignoring Health Inequities](#). Health Affairs Forefront. May 3, 2023 (2 pages)

WHAT IMPACTS HEALTH

REQUIRED (READ ALL) – (47 Pages)

Friedson – Chapter 2 – Where Does Health Come From? (12 pages)

Friedson – Chapter 18 – Inequality (9 pages)

American Heart Association. [Life's Essential 8](#). (2 pages)

Agnese Mariotti. [The effects of chronic stress on health: new insights into the molecular mechanisms of brain-body communication](#). Future Science OA. 2015. (6 pages).

World Health Organization. [Commercial Determinants of Health](#). March 21, 2023. (3 pages)

Elizabeth Wolf, Frederick Rivata, and Steven Woolf. [How We Are Failing U.S. Children](#). JAMA Network Open. July 7, 2025. (2 pages)

The MAHA Report. [Making Our Children Healthy Again](#). May 22, 2025. **read page 3**, MAHA Executive Order, **and read pages 16-18** on What is Driving the Increase in Childhood Chronic Disease and Corporate Capture and the Revolving Door (4 pages)

Vivek Chavda, Jack Feehan, and Vasso Apostolopoulos. [Inflammation: The Cause of All Diseases](#). Cells. November 18, 2024. (5 pages)

University of Wisconsin Population Health Institute. [Building power for health and equity](#): 2025 County Health Rankings and Roadmaps Report. March 2025. **Read pages 2-5** (4 pages)

Martin Picard. [Why do we care more about disease than health?](#) Phenomics. January 28, 2022 (7 pages)

OPTIONAL

On drivers of health overall

[The Drivers of Health](https://sycamoretn.org/drivers-of-health/). Sycamore Institute. 2018 (3 pages) <https://sycamoretn.org/drivers-of-health/>

On social determinants of health

Susan Short and Stefanie Mollborn. [Social Determinants and Health Behaviors: Conceptual Frames and Empirical Advances](#). Curr Opin Psychol. October 2015. (7 pages)

[Sanne Magnan](#). Social Determinants of Health 101 for Health Care: Five Plus Five. National Academy of Medicine. October 9, 2017. (6 pages)

Sara Machado et. al. [Association between Wealth and Mortality in the United States and Europe](#). New England Journal of Medicine. April 2, 2015. (9 pages)

Chris Pope. [Is Everything Health Care? The Overblown Social Determinants of Health](#). Issue Brief. The Manhattan Institute. July 2024. (14 pages)

Camara Jones. [Action and Allegories](#). Chapter 11 in Racism: Science and Tools. APHA. 2019. (18 pages)
OR [TedTalk](#) Allegories on Race and Racism (20:31)

On commercial determinants of health

Anna Gilmore et al. [Defining and conceptualizing the commercial determinants of health](#). The Lancet. April 8, 2023 (15 pages)

On political determinants of health

Eric Reinhardt. [Money as Medicine – Clinicism, Cash Transfers, and the Political-Economic Determinants of Health](#). NEJM. April 11, 2024. (5 pages)

Daneil Dawes, Christian Amador, and Nelson Dunlap. [The Political Determinants of Health: A Global Panacea for Health Inequities](#). Oxford Research Encyclopedia. October 19, 2022. (22 pages)

Examples of impact of determinants of health and health and well-being

Steven Woolf, Joseph Morina, and Evan French. [The Health Care Costs of Extreme Heat](#). Center for American Progress (8 pages)

[Daniel Finkelstein et. al.](#) Economic Well-Being And Health: The Role Of Income Support Programs In Promoting Health And Advancing Health Equity. Health Affairs. December 2022. (5 pages)

On MAHA Commission

STAT. [The MAHA Diagnosis](#). (link takes you to a group of articles looking at the science, politics and cultural impact of the MAHA movement)

Isabella Cueto and J. Emory Parker. [RFK Jr. declared war on chronic disease. First comes the battle over priorities..](#) STAT. May 20, 2025.

On Metabolism, Inflammation, Chemistry, and Health

Will Stone. [In 'Good Energy,' a doctor lays out how to measure and boost your metabolic health.](#) NPR. June 14, 2024. (5 pages)

Robert Naviaux. [Mitochondrial and metabolic features of salugenesis and the healing cycle.](#) Mitochondrion. 2023. (27 pages)

Robert Shmerling. [Why all the buzz about inflammation – and just how bad is it?](#) Harvard health blog. December 18, 2024.

Roel Vermeulen et. al. [The exposome and health: Where chemistry meets biology.](#) Science. January 24, 2020. (7 pages)

RESOURCES

[Glossary of Key Health Equity Terms.](#) California Department of Health Care Access and Information Hospital Equity Measures Advisory Committee

[Glossary of Terms: Social Determinants of Health.](#) Harvard 2018

[Health Equity Terms.](#) ASTHO

Loes Crielaard et al. [Understanding the impact of exposure to adverse socioeconomic conditions on chronic stress from a complexity science perspective.](#) BMC Medicine. 2021. (18 pages)

ASSIGNMENTS

- ***Green/Doren videos analysis – Due by September 8***
- ***Personal bio – Due by September 2***

WEEK 3 (9/8) OVERVIEW OF ECONOMIC CONCEPTS

The purpose of this week is to introduce the major economic concepts used in understanding the behavior of producers and consumers of health care services. The readings and lectures are to set the foundation from which to consider how health economics can get applied in areas of interest, such as regulation, coverage, and payment. The focus for this week includes general economic theory and its concepts and concepts and theory used in behavioral economics. It also introduces some alternative approaches to using these economic concepts.

REQUIRED (READ ALL) – (42 pages and 2 videos)

Friedson – Chapter 1 – How Economists View Human Behavior (11 pages)

Friedson – Chapter 3 – Demand for Medical Care (15 pages)

Tasha McAbee. [The US Healthcare Market Debate, Explained Through Economics](#). Video. (4:28 minutes)

[Interview with Dr. Michael Chernew on the role of markets in improving the efficiency of health care delivery](#). NEJM. October 7, 2020. (12.18 minutes)

Thomas Rice. [The Behavioral Economics of Health and Health Care](#). Annual Review of Public Health. March 2013. (13 pages)

Victor Fuchs. [Major Concepts of Health Care Economics](#). Annals of Internal Medicine. March 3, 2015 (3 pages)

OPTIONAL

Economics and Financial Management for Nurses and Nurse Leaders, 3rd Edition [Chapter 1 Economics of Health Care](#). (21 pages)

David N. Balaam. [Political Economy](#). Britannica Money. (8 pages)

Christian Green. [Six Economic Theories That Drive Patient Decision-making](#). MGMA. October 22, 2109. (3 pages).

Peter Zweifel. [Health economics explained through six questions and answers](#). Economic Affairs. February 28, 2022 (18 pages)

[Principles of health economics](#). Faculty of Public Health. Health Knowledge. 2017 (6 pages)

Kevin G. Volpp and Cait Lamberton. [Behavioral Economics to Enhance Food is Medicine Programs](#). JAMA Health Forum. July 12, 2024. (2 pages)

Douglas Scott II, Steven Solomon, and John McGowan. [Applying Economic Principles to Health Care](#). Emerging Infectious Diseases. March-April 2001. (4 pages)

Investopedia. [Welfare Economics Explained: Theory, Assumptions, and Criticism](#). Updated June 6, 2022. (3 pages)

RESOURCES

Douglas Ruby. [Glossary of Microeconomic Terms](#). May 2020. (6 pages)

Behavioral Grooves. [Behavioral Science Glossary](#) (6 pages)

[Economic for Everyone: On-line Glossary of Terms and Concepts](#) by Jim Stanford 2008

[Glossary of frequently encountered terms in health economics](#) – National Information Center on Health Services Research and Health Care Technology

[Glossary of Behavioral Economic Terms](#)

Barnes and Noble. Sparkcharts. Microeconomics (needs to be purchased)

Barnes and Noble. Sparkcharts. Macroeconomics (needs to be purchased)

NON-DISCUSSION BOARD ASSIGNMENT REMINDER

Due by September 8

- **Personal Bio**
- **Indication if working as individual or group on expert project**
- **Indication if working as individual or group on country project**

Due by September 10

- **Week 1 Reading or Video Analysis Essay**

WEEK 4 (9/15) ASSUMPTIONS OF THE MARKET MODEL AND CHALLENGES TO IT

The market model is the dominant economic approach pursued in U.S. policy making. This model has several assumptions for it to work best. Many economists and others question how well these assumptions hold up and much of the health care policy debate is over how to make markets work better in health care in the U.S. The readings and lectures for this week examine these assumptions and challenges to the assumptions.

REQUIRED (READ ALL) (60 pages)

Friedson – Chapter 16 – Externalities (10 pages)

Friedson Chapter 11 – Adverse Selection (9 pages)

Mises Institute. [Key Elements of a Market-Based Health System](#). July 28, 2025. (2 pages).

William Savedoff. [Kenneth Arrow and the birth of health economics](#). Bulletin of the World Health Organization. February 2004. (4 pages)

Hoffman, Allison K. Part I: [Perfect Conditions for a Market Bureaucracy](#) - pages 1938-1947

From Health Care's Market Bureaucracy (2019). UCLA Law Review, Vol. 66, p. 1926, 2019, U of Penn Law School, Public Law Research Paper No. 19-28, (9 pages)

Soeren Mattke et al. [Avoiding the Tragedy of the Commons in Health Care](#). Rand Health Quarterly. January 2017. (5 pages)

Wikipedia. [Tragedy of the Anticommons](#). (3 pages)

Lina Brand-Cross et al. [Economics for people and planet—moving beyond the neoclassical paradigm](#). The Lancet. April 2022. (7 pages) – especially focus on Panel 1 on page 3 of the reading)

Uwe Reinhardt. [‘Rationing’ Health Care: What Does it Mean?](#) The New York Times. July 3, 2009. (2 pages)

Oren Cass. [In search of the invisible hand. American Compass.](#) March 10, 2025. (2 pages)

Yanis Vaoufakis. [Neoliberalism is dead. say hello to techlordism.](#) Project Syndicate. April 15, 2025. (4 pages)

Ronald Coase. [The New Institutional Economists.](#) JSTOR. May 1988. (3 pages)

Anahad O'Connor. [How the Sugar Industry Shifted Blame to Fat.](#) The New York Times. September 12, 2016 (2 pages)

Richard Rothstein. Epilogue - Color of Law (pages 215-217). 2017. (3 pages) – see pdf on Carmen.

OPTIONAL

Kenneth Arrow. [Uncertainty and the Welfare Economics of Medical Care.](#) The American Economic Review. December 1963. (27 pages)

Stuti Khemani. [Why are reforms proposed by economists opposed by citizens.](#) Brookings. February 24, 2020. (2 pages)

Elizabeth Popp Berman. [Advancing a political economy approach to health using lessons from US antitrust and climate policy.](#) Health Affairs Scholar. March 2025 (6 pages)

Michael Heller. [The Tragedy of the Anticommons: A Concise Introduction and Lexicon.](#) The Modern Law Review. January 2013. (18 pages)

Ari Mwachofi and Assaf F. Al-Assaf. Health. [Care Market Deviations from the Ideal Market.](#) SQU Med J. 2011 (9 pages)

Maria Goddard. 2015. [Competition in Healthcare: Good, Bad Or Ugly?](#) International Journal of Health Policy and Management. (3 pages)

[How economic and market forces influence health care costs](#) Highmark (2 pages)

David Finch, Adam Briggs, and Charles Tallack. [Improving health by tackling market failure.](#) The Health Foundation. February 19, 2020 (16 pages)

Roel Feys. [The Health Care Commons: A Philosophical Approach.](#) Section 1.8 pp 109-116. University of South Carolina Scholar Commons. (7 pages)

Lljerka Cerovic and Nikolina Dukic Samarzija. [The agency problem in healthcare and the importance of incentives.](#) Conference Paper. November 2012. (7 pages)

Martin Gaynor. [What to Do about Health-Care Markets? Policies to Make Health-Care Markets Work.](#) The Hamilton Project. 2020 (24 pages)

Uwe Reinhardt. [Health Care in the Macro Economy.](#) Medicaid Leadership Institute. September 13, 2011 (34 slides)

Ian Leslie. April 7, 2016. [The Sugar Conspiracy](#). The Guardian. (15 pages)

Michael Chernew. [The Role of Market Forces in U.S. Health Care](#). The New England Journal of Medicine. October 8, 2020. (4 pages). <https://www.nejm.org/doi/pdf/10.1056/NEJMp2006097>

Jacob Zinkila. [The scarcity economy has made life harder on Americans. Some are calling for an 'abundance agenda' to make college, housing, and healthcare more affordable](#). Insider. January 15, 2023. (3 pages)

Matt Stoller. [An Abundance of Sleaze: How a Beltway Brain Trust Sells Oligarchy to Liberals](#). BIG. August 7, 2025 (16 pages)

Michael Woronoff. [What Liberals Means by 'Abundance'](#) Review of "Abundance" by Ezra Klein and Derek Thompson. Commentary. June 2025 (7 pages)

Timothy Bartik. [The 'abundance movement' needs to help distressed places, not just booming ones](#). Brookings. September 2, 2025. (10 pages)

Oren Cass. [What Economists Could Learn From George Costanza](#). The New York Times. December 23, 2024 (2 pages)

Oren Cass. [The Movie's Not Called "It's A Wonderful Life of Economic Freedom"](#) American Compass. December 20, 2024. (4 pages)

Oren Cass. [Forward: What Happened to Capitalism?](#) From Rebuilding American Capitalism: A Handbook for Conservative Policymaker. American Compass. 2023. (8 pages)

Yanis Varoufakis. [Stagnant Capitalism](#). Project Syndicate. March 19, 2019. (4 pages)

Luigi Zingales and Bethany McLean. [Capitalism as a Contradiction With Yanis Varoufakis](#). Capital Isn't Podcast Transcript. January 6, 2022. (only need to read the transcript part of interview with Varoufakis)

Christopher Pollard. [Is capitalism dead? Yanis Varoufakis think it is – and he know who killed it](#). Canadian Accountant. December 3, 2023. (3 pages)

Norbert Michael. [The 'New' Conservatism is Driven by Bad Economics](#). CATO at Liberty. October 5, 2023. (3 pages)

Joel Schlosberg. [What Oren Cass Sunstein Could Learn From Henry George Costanza](#). The William Lloyd Garrison Center for Libertarian Advocacy Journalism. January 2, 2025 (2 pages) – Libertarian response to Cass's piece on learning from George Costanza

Don Boudrean. [And Yet Another Open Letter to Oren Cass](#). Cafe Hayek. December 21, 2024 (2 pages) – Free market supporter response to Cass's piece on It's a Wonderful Life

Eamon Javers. [Trump Republicans shift GOP approach to labor, free markets and regulation](#). CNBC. May 21, 2024 (5 pages)

Eamon Javers. [Meet the leaders of the Trump era's new conservative economic populism](#). CNBC. May 21, 2024 (5 pages)

WEEK 5 (9/22) HEALTH CARE COVERAGE: HOW, WHAT, WHY, AND FOR WHOM

A fundamental debate in the U.S. is how best to provide people with health care coverage. The U.S. approach differs from the rest of the economically powerful countries in the world. The readings and lectures for this week seek to identify differences between the U.S. approach and that of other countries in the world, provide a deeper understanding of how coverage is structured in the U.S. and the economic and policy disagreements between economists on how to address this topic.

REQUIRED (READ ALL) - 69 PAGES

Friedson – Chapter 10 – Health Insurance as a Product (11 pages)

Friedson – Chapter 14 – Public Insurance (10 pages)

TR Reid. The Healing of America. 2010. Chapter. 2 (12 pages) PDF of Carmen

Uwe Reinhardt. [The Fork in the Road for Health Care](#). The New York Times. May 25, 2012. (2 pages)

Katherine Baicker, Amitabh Chandra, and Mark Shepard. [Achieving Universal Health Insurance Coverage in the United States: Addressing Market Failures or Providing a Social Floor](#). National Bureau of Economic Research Working Paper 30854. January 2023. (20 pages)

Hoover Institution. [Choices for all: Healthcare reforms for the future](#). July 2023. Pages 3-11 (9 pages)

American Hospital Association. Report: [The importance of health coverage](#). (3 pages)

Mitchell Katz. [Effect of Medicaid Cuts on the Medical Care Ecosystem](#). JAMA. May 28, 2025 (2 pages)
<https://jamanetwork.com/journals/jama/article-abstract/2834627>

[Paragon Health Institute](#): Read all sections within each initiative below (5 pages)

- [Medicaid and Health Safety Net Reform](#)
- [Medicare](#)
- [Private Health Insurance](#)
- [Public Health and American Well-Being](#)

Robert Orr. [Insuring healthcare for working families](#). American Compass. February 21, 2021. (3 pages)

[Economists' open letter in support of single payer Medicare for All](#): An Open Letter to Congress and the People of the United States. Physician for National Health Program. May 21, 2019 (2 pages)

OPTIONAL

Benjamin Sommers, Atul Gawande and Katherine Baicker. [Health Insurance Coverage and Health – What the Recent Evidence Tells Us](#). The New England Journal of Medicine. August 10, 2017. (3 pages)

Mark Pauly and Jose Pagan. [Spillovers and Vulnerability: The Case of Community Uninsurance](#). Health Affairs. September/October 2007. (10 pages)

Jeanne Lambrew. [A Wellness Trust to Prioritize Disease Prevention](#). The Hamilton Project. April 2007. (8 pages)

Physicians for National Health Proposal. [Beyond the Affordable Care Act: A Physicians' Proposal for Single-Payer Health Care Reform](#). Pages 2-7 (6 pages)

American Public Health Association. [Adopting a Single-Payer Health System. Policy Statement](#) October 26, 2021 (15 pages)

Michael Bihari. [Mandated Health Insurance Benefits Explained](#). Verywell Health. October 30, 2022 (4 pages)

Jin Park, Clarisa Reyes-Becerra, and Medha Makhoulf. [State Flexibility in Emergency Medicaid Care to Uninsured Noncitizens](#). JAMA Health Forum. July 14, 2023. (2 pages)

KFF. [Medicaid 101](#). May 28, 2024. (15 pages)

KFF. [Medicare 101](#). May 28, 2024 (15 pages)

[Medicaid expansion a win for all](#). Infographic. RWJ September 9, 2021 (2 pages)

[Federal Register. Request for Information. Essential Health Benefits](#). DHSS. December 2, 2022. (6 pages)

MACPAC. [Non-citizens Eligibility](#). 2017 (1 page)

KFF. [Health Coverage and Care of Immigrants](#). Updated July 18, 2023. (6 pages)

DHSS. December 2, 2022. Federal Register. [Request for Information. Essential Health Benefits](#). (6 pages)

CMS. [Background: The Affordable Care Act's New Rules on Preventive Care](#). 2010. (2 pages)

Commonwealth Fund. [Millions could lose access to free preventive care](#). January 5, 2023 (2 pages)

Francis Crosson and Rita Redberg. [Statutory Authority for Medicare Coverage Decisions—CMS Is an Independent Federal Agency](#). JAMA Internal Medicine. [inks to an external site..](#) July 28, 2023 (2 pages)

RESOURCES:

Kaiser Family Foundation. [Timeline: History of Health Reform in the U.S.](#)

PBS. [Healthcare History Timeline](#). <https://www.pbs.org/healthcarecrisis/history.htm>

Tamara Holme. [Who is Eligible for Obamacare](#) (Affordable Care Act) Coverage? GoodRx Health. November 1, 2022. (4 pages)

CMS. [Mandatory and Optional Medicaid Benefits](#). (2 pages)

Healthline. [What Medicare Covers](#). (3 pages)

HHS. [List of Medicaid Eligibility Groups. Mandatory and Optional](#). 2019. (4 pages)

WEEK 6 (9/29) HEALTH CARE UTILIZATION

A core issue for health economics is how to understand how people utilize health care services and providers offer services. Another issue is what to do to reduce unnecessary use of health care services or get people to shop better for the services they use. The materials and lectures this week examine the different perspectives on utilization, including a focus on the concept of moral hazard

REQUIRED (READ ALL AND WATCH VIDEO) – 42 PAGES AND 7 MINUTE VIDEO

Friedson Chapter 4 – Health Insurance and Demand for Health Care (11 pages)

Friedson Chapter 13 – Managed Care (10 pages)

Aaron Carroll. Health Care Triage #10. [RAND and the Moral Hazard](#). (6.51 minutes)

[Health care utilization: the cost equation driving prices up](#). Highmark (2 pages)

[Chronic disease costs a lot how care management](#). Highmark (2 pages)

Richard Baron, Timothy Lynch, and Kelly Rand. [Lessons From the Choosing Wisely Campaign's 10 Years of Addressing Overuse in Health Care](#). JAMA Health Forum. June 24, 2002 (2 pages)

Robin Hanson. September 10, 2007 [Cut Medicine in Half](#). CATO UNBOUND (4 pages)
www.cato-unbound.org/2007/09/10/robin-hanson/cut-medicine-in-half

- **Three response essays to Robin Hanson below (read at least one of the responses)**
 - **Response:** [David M. Cutler. Reaction Essay - Use a Scalpel, Not a Meat Cleaver](#). CATO UNBOUND. September 12th, 2007. (2 pages)
 - **Response:** [Dana Goldman. Reaction Essay - Half Right](#). CATO UNBOUND. September 14th, 2007. (2 pages)
 - **Response:** [Alan Garber. Reaction Essay - Watch Where You Cut](#). CATO UNBOUND. September 18th, 2007. (2 pages)

Anna Sinalko and Menjamin Sommers. [Why Costs Sharing on its Own Will Not Fix Health Care Costs](#). JAMA Internal Medicine. January 22, 2024. (2 pages)

Carolyn Dickens, Denise Weitzel and Stephen Brown. [Mr. G and the Revolving Door: Breaking the Readmission Cycle at a Safety-Net Hospital](#) Health Affairs 2016 (2 pages)

Liran Einav and Amy Finkelstein. [Cost Sharing and its Discontents](#). Health Affairs Forefront. July 25, 2023. (2 pages)

Donald Light. [The Three Moral Hazards of Health Insurance](#). Institute of Advanced Study. 2021 (3 pages)

Alex Hoagland, Olivia Yu, and Michal Horny. [Inequities in Unexpected Cost-Sharing for Preventive Care in the United States](#). American Journal of Preventive Medicine. January 2025. (6 pages)

OPTIONAL

Sander Kelman and Albert Woodward. [John Nyman and the Economics of Health Care Moral Hazard](#). ISRN Economics. 2013 (7 pages)

Uwe Reinhardt. [The Ethical Implication of “Consumer Directed” Health Care](#). Presentation at The Henry J. Kaiser Family Foundation and Alliance for Health Reform Briefing on “Where are HSAs and High-Deductible Plans Headed?” March 10, 2006. (25 slides)

Megan Brennan. [Record High in U.S. Puts Off Medical Care Due to Cost in 2022](#). Gallup. January 17, 2023. (3 pages)

Suleiman Sudah et al. [Wide Geographic Variation in Resource Utilization after Shoulder Arthroplasty](#). Orthopedic Reviews. February 2023 (7 pages)

Ivan Baninski et al. [Geographic Variation in Healthcare Utilization: The Role of Physicians](#). NBER and Stanford. February 2023. Focus on Sections 1, 6, and 7 (7 pages)

Eric C. Steckle, John Z. Ayanian, and A. Mark Fendrick. [Value-based insurance design: aligning incentives to improve cardiovascular care](#). Circulation. 2015. (6 pages)

CMS. [Medicare Advantage Value-Based Insurance Design Model](#). 2023. (2 pages)

Hoover Institution. [Choices for all: Healthcare reforms for the future](#). July 2023. Pages 23-31 and 51-67 (23 pages)

Nathan Handley and Judd Hollander. [Opportunity Cost: The Hidden Toll of Seeking Health Care](#). Health Affairs Forefront. May 1, 2019. (3 pages)

Patrick Rucker, Maya Miller, and David Armstrong. [How Cigna Saves Millions By Having Its Doctors Reject Claims Without Reading Them](#). ProPublica. March 25, 2023 (4 pages)

Reed Abelson. [Insurers Deny Medical Care for the Poor at High Rates, Report Says](#). New York Times. July 119, 2023. (3 pages)

Aviva Aron-Dine, Liran Einav, and Amy Finkelstein. [The RAND Health Insurance Experiment, 3 Decades Later](#). Journal of Economic Perspectives. Winter 2013 (24 pages)

HHS Office of Inspector General. [High Rates of Prior Authorization Denials By Some Plans and Limited Oversight Raises Concerns About Access to Care in Medicaid Managed Care](#). July 2023. Page 1-16. (19 pages)

RESOURCES

[Glossary of health coverage and medical terms](#). CMS

[Glossary of commonly used health terms](#). Minnesota Department of Health

[Glossary of Commonly Used Health Care Terms and Acronyms](#). Snelling Center

[Glossary of Terms Associated with Aging, Disability or Long-Term Care](#)

Office of the Assistant Secretary for Planning and Evaluation

WEEK 7 (10/6) HEALTH CARE COSTS AND PRICES

This week focuses on understanding why health care costs and prices are much higher in the U.S. than other high-income countries. It includes providing provide context for the debates over price transparency, commercial vs Medicare prices, and facility fees.

REQUIRED (READ ALL) – 56 PAGES

Friedson Chapter 12 – Prices (11 pages)

Uwe Reinhardt. [The Culprit Behind High U.S. Health Care Prices](#). The New York Times. June 7, 2013. (2 pages)

Uwe Reinhardt. [The Role of Prices in Health Care Spending](#). The New York Times. September 16, 2011. (3 pages)

David Cutler. [Financial Games in Health Care – Doing Well Without Doing Good](#). Jama Health Forum. May 9, 2024 (2 pages)

Sherry Glied and Amitabh Chandra. [It is Time to Consider More Price Regulation in Health Care](#). JAMA Health Forum. June 13, 2024. (2 pages)

Daniel Arnold. Beyond the Bill: [The Hidden Economic Toll of High Commercial Provider Prices](#). Health Affairs Forefront. August 8, 2025 (4 pages)

Lanhee Chen. [The Unintended and Anticompetitive Consequences of Laws to Control Health Care Costs](#). JAMA Health Forum. June 27, 2024. (2 pages)

[Health care costs are still going up and the reasons are complicated](#). Highmark (2 pages)

Kimberly Amadeo. [The Rising Costs of Health Care By Year and Its Causes](#). The Balance. (3 pages)

Gerard Anderson, Peter Hysset, and Varduhi Petrosyan. [It's Still The Prices, Stupid: Why the US Spends So Much on Health Care, and a Tribute to Uwe Reinhardt](#). Health Affairs. January 2019. (7 pages)

Michael Chernew, Maximillian Pany, and Leemore S Dafny. [Two Approaches to Capping Health Prices](#). Health Affairs Forefront. March 31, 2022. (2 pages)

Meena Seshamani and Douglas Jacobs. [Hospital Price Transparency: Progress and Commitment to Achieving Its Potential](#). Health Affairs Forefront. February 14, 2023. (5 pages)

Kim Bellard. [Wait Till Health Care Tries Dynamic Pricing](#). The Health Care Blog. March 12, 2024. (5 pages) <https://thehealthcareblog.com/blog/2024/03/12/wait-till-health-care-tries-dynamic-pricing/>

Michael Chernew and Harrison Mintz. [Administrative Expenses in the US Health Care System: Why So High?](#) JAMA. November 2, 2021 (2 pages)

Katerine Baicker and Amitabh Chandra. [Can Prevention Save Money?](#) JAMA Health Forum. April 3, 2024. (2 pages)

Lanhee Chen. [The Problem with California's Plan to Contain Health Care Costs](#). JAMA Health Forum. July 10, 2025 (3 pages)

David Kim and Mark Fendrick. [Projected Savings From Reducing Low-Value Services in Medicare](#). JAMA Health Forum. August 1, 2025. (3 pages)

OPTIONAL

Steve Milano. [Categories of Expenses and Revenues in the Hospital Business Setting](#). CHRON. November 14, 2020. (3 pages)

Investopedia. [6 Reasons Healthcare Is So Expensive in the U.S.](#) Updated June 13, 2023. (3 pages)

Catalyst for Payment Reform. [Combination of State-Based Health Care Policies to Constrain Commercial Prices and Rebalance Market Power](#). December 2022 (19 pages)

Robert Murray. [The Pitfalls of Regulating Health Care Prices Are Real but Manageable](#). The Commonwealth Fund. Blog. October 13, 2022. (2 pages)

Uwe Reinhardt. [The Pricing of U.S. Hospital Services: Chaos Behind A Veil of Secrecy](#). Health Affairs. January/February 2006. (12 pages)

AHA. [Fact Sheet: Hospital Price Transparency](#). February 2023. (4 pages)

Yang Wang et. al. [The Relationships among cash prices, negotiated rates, and chargemaster prices for shoppable hospital services](#). Health Affairs. April 2023. (9 pages)

Christine Monohan et al. [Regulating Outpatient Facility Fees: States Are Leading the Way to Protect Consumers](#). Center on Health Insurance Reforms. July 2023 (10 pages)

Colorado Hospital Association. [Understanding Facility Fees in a Health Care Bill](#). 2023. (2 pages)

Chapin White and Christopher Whaley. [Prices Paid to Hospitals by Private Health Plans Are High Relative to Medicare and Vary Widely](#). RAND Corporation. 2019. (26 pages)

Preethi Rao et. al. [Barriers to Price and Quality Transparency in Health Care Markets](#). Rand Corporation. 2021 (37 pages)

Justin Lo et al. [Ongoing Challenges with Hospital Price Transparency](#). Peterson-KFF Health System Tracker. February 10, 2023 (9 pages)

WEEK 8 (10/13) WORKFORCE

This week focuses on workforce issues and how health economists think about this topic. Those who believe most ardently in a free-market health care system argue against what they see as market entry barriers for providers, such as licensing and other regulations on supply of providers. The readings and lectures touch on these and other issues. (Given that Fall break begins part way into this week, this week contains a reduced volume of readings and lectures to go through.)

REQUIRED (READ ALL) – 36 PAGES

Friedson Chapter 7 – The Healthcare Labor Market (12 pages)

Institute for Justice. [At What Cost: State and National Estimates of the Economic Costs of Occupational Licensing](#). 2018. (8 pages). [ing/](#)

HIMMS. Sandeep Reddy. [The Impact of AI on the Healthcare Workforce: Balancing Opportunities and Challenges](#). HIMSS. April 11, 2024. (2 pages)

Alison Moulds and Tim Horton. [What do technology and AI mean for the future of work in health care?](#) The Health Foundation. November 2023. (8 pages)

Nathan Le Duc. [State efforts to expand the healthcare workforce - National Governors Association](#). June 6, 2022. (6 pages)

OPTIONAL

Edson Araujo, Timothy Grant Evans, and Akiko Maeda. [Using Economic Analysis in Health Workforce Policymaking](#). Oxford Review of Economic Policy. Volume 32, Number 1, 2016. (18 pages)

American Hospital Association. [Fact Sheet: Strengthening the Health Care Workforce](#). (3 pages)

AHA Center for Health Innovation. [AI and the Health Care Workforce](#). (9 pages)
https://www.aha.org/system/files/media/file/2019/09/Market_Insights_AI_Workforce_2.pdf

Ann Nguyen and Magda Schaler-Haynes. [Can Interstate Licensure Compacts Enhance the Health Care Workforce?](#) Millbank Memorial Fund. Blog Post. April 11, 2023. (2 pages)

RESOURCES:

Lisa Knepper and Darwyn Deyo. [License to Work. A National Study of Burdens from Occupational Licensing](#). 3rd Edition. Institute for Justice. (245 pages)

WEEK 9 (10/20) HEALTH CARE ORGANIZATION AND DELIVERY

The purpose of this week is to examine trends and issues related to the structure of the delivery of health care in the U.S. It includes discussion on the emphasis between specialty and primary care. It also introduces concepts around disruptive innovation and on how to think about providing value in health care.

REQUIRED (READ ALL) – 75 PAGES

Friedson – Chapter 7 – Provider-Firms and the Market (17 pages)

Joseph Dov Bruch, Victor Roy, and Colleen M. Grogan. The Financialization of Health in the U.S. NEJM. January 10, 2024 (3 pages) <https://www.nejm.org/doi/full/10.1056/NEJMms2308188>

Uwe Reinhardt. Waste vs. Value in American Health Care. The New York Times. September 13, 2013. (4 pages) <https://archive.nytimes.com/economix.blogs.nytimes.com/2013/09/13/waste-vs-value-in-american-health-care/>

Michael Chernew and Karisa Lasoff. Implications of the Health Care Systems Design for Administrative Costs. Health Affairs Forefront. April 7, 2025. (7 pages)
<https://www.healthaffairs.org/content/forefront/implications-health-care-system-s-design-administrative-costs>

Nancy Tomes. A gilded age for patients? The broken promises of profit-driven medicine. The New England Journal of Medicine. August 7, 2025 (4 pages)
<https://www.nejm.org/doi/pdf/10.1056/NEJMp2415751>

Matt Stoller. It's Time to Break Up Big Medicine. The BIG Newsletter. December 12, 2024. (17 pages)
<https://www.thebignewsletter.com/p/its-time-to-break-up-big-medicine>

Hoover Institution. Choices for all: Healthcare reforms for the future. July 2023. Pages 33-49 (16 pages)
<https://www.hoover.org/sites/default/files/2023-07/Choices%20for%20All.pdf>

Jason Hwang and Claton M. Christensen. Disruptive Innovation in Health Care Delivery: A Framework for Business-Model Innovation. Health Affairs. September/October 2008 (7 pages)
<https://www.healthaffairs.org/doi/epdf/10.1377/hlthaff.27.5.1329>

Advisory Board. VBC in 2025: What's now and what's next. (3 pages)
<https://www.advisory.com/topics/value-based-care/vbc-in-2025-now-next>

LIFECAREST. Why Medical Tourism is Booming: Trends and Insights for 2025. February 20, 2025 (4 pages)
<https://lifecarest.com/why-medical-tourism-is-booming-trends-insights-2025/>

OPTIONAL

Friedson Chapter 9 – Hospitals (13 pages)

Suhui Li et al. How do hospitals exert market power? Evidence from health systems and commercial health plan prices. Health Affairs Scholar. March 2025. (6 pages)
<https://academic.oup.com/healthaffairsscholar/article/3/1/qxae179/7958335>

Thomas Tsai, Gregg Meyer, and David Blumenthal. Regulating Private Equity in Health Care – The Massachusetts Model. The New England Journal of Medicine. August 16, 2025. (3 pages)
<https://www.nejm.org/doi/pdf/10.1056/NEJMp2503122>

Sanjay Mohan. Disruptive innovation in healthcare: A wicked problem? Milliman. November 8, 2021. (7 pages) <https://www.milliman.com/en/insight/disruptive-innovation-in-healthcare-a-wicked-problem>

Regina Herzlinger, Barak Richman, and Kevin Schulman. Maintaining health care innovations after the pandemic. JAMA Health Forum. February 10, 2023. (2 pages) <https://jamanetwork.com/journals/jama-health-forum/fullarticle/2801225>

Michael Porter and Thomas Lee. The Strategy That Will Fix Health Care. Harvard Business Review. October 2013. (19 pages)
<https://hbr.org/2013/10/the-strategy-that-will-fix-health-care>

McKinsey & Company. Specialty Risk: The next frontier of value-based care. July 22, 2025. (7 pages)
<https://www.mckinsey.com/industries/healthcare/our-insights/specialty-risk-the-next-frontier-of-value-based-care#/>

Ayooluwa Douglas, Senthujan Senkalahliyan, and Caroline Bulstra. Global Adoption of Value-Based Care Initiatives Within Health Systems: A Scoping Review. JAMA Health Forum. May 16, 2025 (9 pages)
<https://jamanetwork.com/journals/jama-health-forum/fullarticle/2833867>

Ken Terry. Tame the Private Equity Beast by Shifting Its Focus to Value-Based Care. Health Affairs Forefront. May 8, 2024 (3 pages) <https://www.healthaffairs.org/doi/10.1377/forefront.20240506.636591>

Karyn Schwartz et.al. What we know about provider consolidation. KFF. September 2, 2020. (5 pages)
<https://www.kff.org/health-costs/issue-brief/what-we-know-about-provider-consolidation/>

Kara Contreary et. al. Consolidation And Mergers Among Health Systems In 2021: New Data From The AHRQ Compendium. Health Affairs Forefront. June 20, 2023 (3 pages)
<https://www.healthaffairs.org/content/forefront/consolidation-and-mergers-among-health-systems-2021-new-data-ahrq-compendium>

Erin Fuse Brown et. al. The Rise of Health Care Consolidation and What to Do About It. Health Affairs Forefront. September 9, 2024. (6 pages) <https://www.healthaffairs.org/content/forefront/rise-health-care-consolidation-and-do>

Natasha Murphy. Trends and Consequences in Health Insurer Consolidation. Center for American Progress. December 4, 2024 (8 pages) <https://www.americanprogress.org/article/trends-and-consequences-in-health-insurer-consolidation/>

AMA. Competition in Health Insurance: A comprehensive study of U.S. markets. 2024 Update. **Introduction and background** (4 pages) <https://www.ama-assn.org/system/files/competition-health-insurance-us-markets.pdf>

Paul Brandstad and Claude Maechling. Explaining Corporate America's Aggressive Investment in Primary Care. Health Affairs Forefront. April 5, 2023. (4 pages)
<https://www.healthaffairs.org/content/forefront/explaining-corporate-america-s-aggressive-investment-primary-care>

Sherrie Wang et al. Value-Based Care And A Path To Achieve Comprehensive Care In The Safety-Net. Health Affairs Forefront. February 28, 2023. (4 pages)
<https://www.healthaffairs.org/content/forefront/value-based-care-and-path-achieve-comprehensive-care-safety-net>

Lauren Do et. al. State-Level Variation In Low-Value Care For Commercially Insured And Medicare Advantage Populations. Health Affairs. September 2022. (8 pages)
<https://www.healthaffairs.org/doi/10.1377/hlthaff.2022.00325>

Clayton Christensen, Andrew Waldek, and Rebecca Fogg. How Disruptive Innovation Can Finally Revolutionize Healthcare. Innosight. Christensen Institute. Spring 2017. (27 pages)
<https://www.christenseninstitute.org/wp-content/uploads/2017/06/How-Disruption-Can-Finally-Revolutionize-Healthcare.pdf>

National Conference of State Legislatures. Health System Consolidation. Updated February 22, 2023. (5 pages) ([Health System Consolidation \(ncsl.org\)](https://www.ncsl.org/health/health-system-consolidation) <https://www.ncsl.org/health/health-system-consolidation>)

Zachary Levison et. al. Ten Things to Know About Consolidation in Health Care Provider Markets. KFF. April 19, 2024. (9 pages) <https://www.kff.org/health-costs/issue-brief/ten-things-to-know-about-consolidation-in-health-care-provider-markets/>

Bob Herman et. al. Health Care's Colossus. STAT's 7-part series into UnitedHealth and its business practices from July 2024 through February 2025. <https://www.statnews.com/unitedhealth-group-investigation-health-care-colossus-series/>

David Cutler. Reducing Administrative Costs in U.S. Health Care. The Hamilton Project. Brookings. March 2020. (16 pages) https://www.hamiltonproject.org/wp-content/uploads/2023/01/Cutler_PP_LO.pdf

Uwe Reinhardt. Sense and Nonsense in Defining "Value" in Health Care. National Institute of Health Care Management Capitol Hill Briefing on The Future of Health Care in America. October 5, 2016 (39 slides)
<https://nihcm.org/assets/articles/sense-nonsense-defining-value-in-health-care-uwe-reinhardt.pdf>

Future Market Insights, Inc. Medical Tourism Market – Forecast for 2025-2035. February 22, 2025. (14 pages) <https://www.futuremarketinsights.com/reports/medical-tourism-market>

WEEK 10 (10/27) HEALTH CARE PAYMENT

Paying for health care services is unlike the purchase of most things given the role of third-party insurance. There is also concern that the current system's fee-for-service orientation rewards doing services with little consideration of outcomes. Therefore, there is a wide-ranging debate over how to reform the health care payment ecosystem and how to increase the role of the consumer within it. For those working in the health care system, along with those accessing health care services, the changing

payment landscape can impact day-to-day activities. This week's readings and lecture dive into these discussions.

REQUIRED (READ ALL) – 53 PAGES

Friedson Chapter 8 – Providers and Incentives (10 pages)

Uwe Reinhardt. The Options for Payment Reform in U.S. Health Care. The New York Times. February 17, 2012. (2 pages) <https://archive.nytimes.com/economix.blogs.nytimes.com/2012/02/17/the-options-for-payment-reform-in-u-s-health-care/>

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AHA. Fact Sheet: The 340B Pricing Program. March 2023. (3 pages)

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WEEK 11 (11/3) EVALUATION AND COST EFFECTIVENESS

A main role of economic analysis is in evaluating interventions and programs and in trying to determine the value and fair price for new innovations, such as high-cost medications. This session examines this role of economics. It also examines debates over the use of cost-effectiveness measures such as QALYs (quality adjusted life years).

REQUIRED (READ ALL AND WATCH VIDEO) 37 PAGES AND 2 VIDEOS

Friedson Chapter 5 – Evaluating Evidence (13 pages)

Lieven Annemans. Health economists make the world a better place. TED Talk. (11.27 minutes)

https://www.ted.com/talks/lieven_annemans_health_economists_make_the_world_a_better_place

Health Economic Evaluation Basics - Putting a price tag on health (8:10 minutes) <https://www.bing.com/videos/riverview/relatedvideo?q=health+impact+assessment+and+economics&mid=C2DE631B8EAFB57B1F4AC2DE631B8EAFB57B1F4A&FORM=VIRE>

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Sherry Glied and Steven Teutsch. How Can Economics Advance Prevention? American Journal of Preventive Medicine. May 2016 (2 pages) <https://www.ajpmonline.org/action/showPdf?pii=S0749-3797%2815%2900588-7>

William Padula and Mark Sculpher. Ideas About Resourcing Health Care in the United States: Can Economic Evaluation Achieve Meaningful Use? Annals of Internal Medicine. January 2021. (4 pages) <https://www.acpjournals.org/doi/pdf/10.7326/M20-1234>

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Joshua Cohen. Throwing the baby out with the bath water: Congress considers banning the QALY. Forbes. April 3, 2023. (2 pages). <https://www.forbes.com/sites/joshuacohen/2023/04/03/throwing-the-baby-out-with-the-bath-water-congress-considers-banning-the-qaly/?sh=330080277e68>

Sally Pipes. Don't let progressives assign a dollar value to human life. Forbes. April 10, 2023. (2 pages) <https://www.forbes.com/sites/sallypipes/2023/04/10/dont-let-progressives-assign-a-dollar-value-to-human-life/?sh=2d226f40737e>

Sahan Jayawardana and Elias Mossialos. How Should Economic Evaluation Be Used to Measure Value and Set Priorities in Health Care? AMA Journal of Ethics. August 2021. (3 pages) <https://journalofethics.ama-assn.org/article/how-should-economic-evaluation-be-used-measure-value-and-set-priorities-health-care/2021-08>

Mohsen Yaghoubi and Kinga Pacocha. Building effective health economic models: key components for success. CERTARA. March 28, 2025. <https://www.certara.com/blog/building-effective-health-economic-models-key-components-for-success/> (3 pages)

Adam Cifu. Maternal Mortality, Death Certificates, and Churnalism. Sensible Medicine. July 18, 2025. <https://www.sensible-med.com/p/maternal-mortality-churnalism-and> (4 pages)

John Mandrola et. al. The Case for Being a Medical Conservative. The American Journal of Medicine. 2019. (2 pages). <https://www.amjmed.com/action/showPdf?pii=S0002-9343%2819%2930167-6>

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David Parkin. Techniques of economic appraisal. Faculty of Public Health. Health Knowledge. 2017. (6 pages) <https://www.healthknowledge.org.uk/public-health-textbook/medical-sociology-policy-economics/4d-health-economics/economic-appraisal>

Kathryn Ashton et al. Health Impact and Social Value of Interventions, Services, and Policies: A Methodological Discussion of Health Impact Assessment and Social Return on Investment Methodologies. *Frontiers in Public Health*. February 2020. (8 pages)
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Denie Myshko. ICER, Peterson Health Technology Institute Partner to Create Framework to Assess Digital Health Tools. *Managed Healthcare Executive*. August 1, 2023. (2 pages)
<https://www.managedhealthcareexecutive.com/view/icer-peterson-health-technology-institute-partner-to-create-framework-to-assess-digital-health-tools>

Steven Woolf. Measuring the Health Outcomes of Social, Economic, and Environmental Policies. *Center for American Progress*. April 18, 2022. (52 pages)
<https://www.americanprogress.org/article/measuring-the-health-outcomes-of-social-economic-and-environmental-policies/>

9 Types of Health Economics Models. *Health Analytics Admin*. February 1, 2023 (6 pages)
<https://healthanalytics.com/expertise/9-types-of-health-economics-models/>

Nina van der Vliet. et al. Ranking Preventive Interventions from Different Policy Domains: What Are the Most Cost-Effective Ways to Improve Public Health? *International Journal of Environmental Research and Public Health*. 2020. (20 pages) <https://pmc.ncbi.nlm.nih.gov/articles/PMC7142580/pdf/ijerph-17-02160.pdf>

Austin William and Thomas Gift. Cost-Effectiveness Considerations for Disease Intervention. *Sexually Transmitted Diseases*. August 2023. (3 pages).
<https://pmc.ncbi.nlm.nih.gov/articles/PMC10149544/pdf/std-50-s28.pdf>

TheNNT, explained. *TheNNT.com*. <https://thennt.com/thennt-explained/>

WEEK 12 (11/10) QUALITY AND REGULATION

This session focuses on the questions of how to ensure and enhance quality in care and outcomes and what role regulation should play in health and health care. Regulations can be looked at as interventions that impact the free market, either representing a needed response to market failure or an unneeded action that undermines markets (or a combination of the two). Regulations come with both intended and unintended effects. This week's lecture and readings explores these issues.

REQUIRED (READ ALL) – 39 PAGES

Robert Field. Why Is Health Care Regulation So Complex? *P&T*. October 2008. (2 pages)
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2730786/pdf/ptj33_10p607.pdf

Robert Field. Regulation of health care in the United States; complexity, confrontation, and compromise. *An Inst High Med Trop*. 2017 (9 pages). https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3699036

Hoffman, Allison K. Introduction - pages 1930-1938 (8 pages) from *Health Care's Market Bureaucracy*

(2019). UCLA Law Review, Vol. 66, p. 1926, 2019, U of Penn Law School, Public Law Research Paper No. 19-28, <https://ssrn.com/abstract=3394970>

Rocco Perla, Amy Reid, Sandy Cohen and Gareth Parry. April 22, 2015. Health Care Reform and the Trap of the “Iron Law”. Health Affairs Blog. (2 pages)
<https://www.healthaffairs.org/doi/10.1377/hblog20150422.047092/full/>

Liji Thomas. What is the Role of Regulatory Bodies in Healthcare? News Medical Life Sciences. December 7, 2021. (3 pages)
<https://www.news-medical.net/health/What-is-the-Role-of-Regulatory-Bodies-in-Healthcare.aspx>

Maria Trottman et. al. Balancing between competition and regulation in healthcare markets. Health Economics, Policy and Law. December 2023. (9 pages) <https://www.cambridge.org/core/services/aop-cambridge-core/content/view/8000FBA0044310257EFF2B414800A08D/S1744133123000312a.pdf/balancing-between-competition-and-regulation-in-healthcare-markets.pdf>

Kelsey Murray et. al. The quality reporting reality at a large Academic Medical Center: Reporting 1,600 unique measures to 49 different sources. International Journal of Academic Medicine. (5 pages)
<https://www.ijam-web.org/article.asp?issn=2455-5568;year=2017;volume=3;issue=1;spage=10;epage=15;aulast=Murray#:~:text=The%20sheer%20volume%20of%20reporting%20measures%2C%20the%20significant,reduce%20redundancies%20and%20other%20inefficiencies%20in%20quality%20reporting>

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Randall Wexler. Patient Satisfaction as a Quality Metric Promotes Bad Medicine. JAMA Internal Medicine. August 2014. (1 page) <https://jamanetwork.com/journals/jamainternalmedicine/fullarticle/1892143>

AHA. Regulatory Overload: Assessing the Regulatory Burden on Health Systems, Hospitals, and Post-Acute Care Providers. October 2017. (27 pages)
<https://www.aha.org/system/files/2018-02/regulatory-overload-report.pdf>

Austin Frakt and Aaron Carroll. In defense of health regulation. The Incidental Economist. June 3, 2011. (2 pages) <https://theincidentaleconomist.com/wordpress/defend-health-regs/>

Brian J. Miller. Burdensome Red Tape: Overregulation in Health Care and the Impact on Small Business. American Enterprise Institute Nonresident Fellow. Testimony to US House of Representatives Committee on Small Business. Subcommittee on Oversight, Investigations, and Regulations. July 19, 2023. (6 pages)
<https://www.aei.org/wp-content/uploads/2023/07/BMiller-House-Small-Business-Testimony.pdf?x91208>

Scott Gottlieb and Lauren Silvis. Regulators Face Novel Challenge as Artificial Intelligence Tools Enter Medical Practice. AEI Senior Fellow. The JAMA Network. June 9, 2023 (2 pages)
<https://www.aei.org/articles/regulators-face-novel-challenges-as-artificial-intelligence-tools-enter-medical-practice/>

Cutting fraud, waste, and abuse will lower health care costs Highmark (3 pages)
<https://www.highmark.com/employer/thought-leadership/health-insurance-cost-management/cut-fraud-waste-and-abuse-to-lower-health-care-costs>

Robert Moffit. How to End the Overregulation of Medical Care. The Heritage Foundation. August 4, 2020. (2 pages)
<https://www.heritage.org/health-care-reform/commentary/how-end-the-overregulation-medical-care>

Friedson Chapter 17 – Medical Malpractice. (9 pages)

WEEK 13 (11/17) Pharmacy Case Study

The purpose of this session is to pull together the issues discussed in the prior weeks around on specific health care area. The area being explored is pharmacy and the lecture and readings include discussions on coverage, utilization, payment, regulation, quality, workforce, and cost-effectiveness.

REQUIRED (READ ALL) – 51 pages and one video

Friedson Chapter 15 – Pharmaceuticals (8 pages)

Jeffrey Singer and Bautista Vivance. Americans Should Have Access to Drugs Approved Overseas. Cato Institute. August 5, 2025 (2 pages) <https://www.cato.org/commentary/americans-should-have-access-drugs-approved-overseas>

Sarah Edmond and Thomas Lee. [GLP-1 Access and Affordability: Policy Options and Market Strategies](#). NEJM Catalyst. June 2025. (3 pages)

On cost of drugs and role of market forces

The Incidental Economist. [Why Do Prescription Drugs Cost So Much?](#) August 18, 2024. (7:20 minutes)
<https://theincidentaleconomist.com/wordpress/why-do-prescription-drugs-cost-so-much/>

Rena Conti, Richard Frank, and David Cutler. The Myth of the Free Market for Pharmaceuticals. NEJM. April 25, 2024. (3 pages). <https://www.nejm.org/doi/full/10.1056/NEJMp2313400>

Role of prescription drugs in rising health care costs Highmark (2 pages)
<https://www.highmark.com/employer/thought-leadership/health-insurance-cost-management/impact-of-prescription-drug-prices.html>

Trump Administration Most Favored Nation Drug Policy Initiative

The White House. Fact Sheet: President Donald J. Trump Announces Actions to Get Americans the Best Prices in the World for Prescription Drugs. July 31, 2025. (2 pages) <https://www.whitehouse.gov/fact-sheets/2025/07/fact-sheet-president-donald-j-trump-announces-actions-to-get-americans-the-best-prices-in-the-world-for-prescription-drugs/>

Amar Kelkar and Edward Scheffer. Reducing Drug Prices – The Most Favored Nation Policy vs Price Negotiation. JAMA. July 28, 2025 (2 pages) <https://jamanetwork.com/journals/jama/article-abstract/2836859>

Suha Gondji, Irene Papanicolas, and Benjamin Rome. Lowering Drug Prices in the US – Look Within, Not Abroad. JAMA. July 28, 2025 (2 pages) <https://jamanetwork.com/journals/jama/article-abstract/2836817>

Chris Pope. Trump’s Push to Lower Drug Prices Misses the Mark. City Journal. July 31, 2025. (2 pages). <https://www.city-journal.org/article/trump-lower-pharmaceutical-drug-prices-exeutive-order>

Partnership to Fight Chronic Disease. “Most Favored Nation” Drug Pricing Policy Threatens Access, Increase Discrimination, and Undercuts Efforts to Make America Healthy. August 1, 2025. 1 page) <https://www.fightchronicdisease.org/post/most-favored-nation-drug-pricing-policy-threatens-access-increases-discrimination-and-undercuts>

On drug shortages

HHS Office of the Assistant Secretary for Planning and Evaluation. Policy Considerations to Prevent Drug Shortages and Mitigate Supply Chain Vulnerabilities in the United States. April 2, 2024 – **Read pages 2-6** (5 pages) <https://aspe.hhs.gov/reports/preventing-shortages-supply-chain-vulnerabilities>

On pharmacy benefit managers

Kristi Martin. What Pharmacy Benefit Managers Do, and How They Contribute to Drug Spending. The Commonwealth Fund. March 17, 2025 (4 pages). <https://www.commonwealthfund.org/publications/explainer/2025/mar/what-pharmacy-benefit-managers-do-how-they-contribute-drug-spending>

On tariffs

Kalyani Raju. How 2025 U.S. Tariffs Are Reshaping Global Pharma Supply Chains. May 3, 2025. (10 pages) <https://www.cognitivemarketresearch.com/blog/how-2025-u-s-tariffs-are-reshaping-global-pharma-supply-chains>

James Robinson. In (Faint) Praise of Pharmaceutical Tariff Imports. JAMA. August 11, 2025 (2 pages) <https://jamanetwork.com/journals/jama/fullarticle/2837542>

On effort to increase competition in drug production and pricing

Robin Feldman. CalRx Biosimilar Insulin: California’s Initiative to Enter the Insulin Market. JAMA Internal Medicine. August 7, 2023. (2 pages). <https://jamanetwork.com/journals/jamainternalmedicine/article-abstract/2807852>

Joshua Cohen. Mark Cuban’s Cost Plus Drugs Sparks Others to Change How Rx Meds are Priced. Forbes. January 2, 2024. (2 pages) <https://www.forbes.com/sites/joshuacohen/2024/01/02/mark-cubans-cost-plus-drug-company-sparks-moves-to-change-how-rx-drugs-are-priced/>

Ezekiel Emanuel and John Connolly. Mark Cuban's company won't fix drug costs, but it can still help rectify America's drug shortages. STAT. July 29, 2024. (3 pages)

<https://www.statnews.com/2024/07/29/mark-cuban-cost-plus-drug-company-bigger-impact-drug-shortages-not-drug-costs/>

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On most favored nation status proposal

Federal Register. Executive Office of the President. Lowering Drug Prices by Once Again Putting Americans First. April 18, 2025 (4 pages) <https://www.govinfo.gov/content/pkg/FR-2025-04-18/pdf/2025-06837.pdf>

Rachel Sachs. Administration Lays Out Drug Pricing Plan Through Executive Order. Health Affairs Forefront. April 16, 2025 (5 pages) <https://www.healthaffairs.org/content/forefront/administration-lays-out-drug-pricing-plan-through-executive-order>

On regulation of pharmacy industry beyond price negotiations

Amy Kapczynski. Federal Trade Commission Oversight of the Pharmaceutical Industry. JAMA. May 20, 2024. (2 pages) <https://jamanetwork.com/journals/jama/fullarticle/2818974>

Brian Miller. Innovation Saves Lives: Evaluating Medicare Coverage Pathways for Innovative Drugs, Medical Devices, and Technologies. Testimony Before U.S. House of Representatives Committee on Energy & Commerce Subcommittee on Health. July 18, 2023. (9 pages) https://d1dth6e84htgma.cloudfront.net/Updated_Brian_Miller_Witness_Testimony_07_18_1cb6ab3879.pdf

S. Sean Tu, Aaron Kesselheim, and William Feldman. [Combating Pharmaceutical Patent Thickets in the Trump Administration](#). Health Affairs Forefront. August 13, 2025 (4 pages) <https://www.healthaffairs.org/content/forefront/combating-pharmaceutical-patent-thickets-trump-administration>

More on trying to regulate drug pricing

ProCon.org. Should the U.S. Government Regulate Prescription Drug Prices? June 6, 2022. (4 pages) <https://prescriptiondrugs.procon.org/>

Laura Tollen. Is It Working? The First Round of Medicare Drug Price Negotiations. Health Affairs. August 13, 2024. (3 pages) <https://www.healthaffairs.org/doi/full/10.1377/hlthaff.2024.00994>

Juliette Cubanski. FAQs about the Inflation Reduction Act's Medicare Drug Price Negotiation Program. The Kaiser Family Foundation. January 31, 2024 (18 pages) <https://www.kff.org/medicare/issue-brief/faqs-about-the-inflation-reduction-acts-medicare-drug-price-negotiation-program/>

Sidney Wolfe. Curbing the financial incentives that contribute to high medication costs. JAMA Internal Medicine. September 12, 2022 (2 pages) <https://jamanetwork.com/journals/jamainternalmedicine/article-abstract/2796061>

Benedic Ippolito and Joseph Levy. How Medicare shapes drug prices. AEI Ideas. February 7, 2023. (2 pages) <https://www.aei.org/health-care/how-medicare-shapes-drug-prices/>

Leslie Walker and Dan Gorenstein. What's a fair price for a prescription drug? Medicare's about to weigh in. NPR. July 28, 2023. (4 pages) <https://www.npr.org/sections/health-shots/2023/07/28/1190324013/medicare-prescription-drug-price-negotiation>

Daniel Ollendorf and Dominic Voehler. Options for CMS Drug Price Negotiations. Health Affairs Forefront. January 4, 2023. (2 pages) <https://www.healthaffairs.org/content/forefront/options-cms-drug-price-negotiations#:~:text=Options%20For%20CMS%20Drug%20Price%20Negotiations%20Quality-Adjusted,Methods%20...%205%20Value%3A%20A%20Common%20Thread%20>

Tami Luhby. Drugmakers want to stop Medicare from negotiating prices. Here's what you should know. CNN. June 16, 2023. (2 pages) <https://www.cnn.com/2023/06/15/politics/medicare-drug-price-negotiations-lawsuits/index.html>

On PBMs

Kirsten Axelsen and Chaty DuRei. Are Intermediaries Necessary for Better, More Cost-Effective Healthcare Delivery? RealClear Health. June 20, 2023. (2 pages) <https://www.aei.org/op-eds/are-intermediaries-necessary-for-better-more-cost-effective-healthcare-delivery/>

FTC. Office of Policy Planning. Interim Staff Report. Pharmacy Benefit Managers: The Powerful Middlemen Inflating Drug Costs and Squeezing Main Street Pharmacies. (71 pages) https://www.ftc.gov/system/files/ftc_gov/pdf/pharmacy-benefit-managers-staff-report.pdf

Avalere Health. The Role of PBMs in the U.S. Healthcare System. June 2025. (14 pages) https://advisory.avalerehealth.com/wp-content/uploads/2025/06/The-Role-of-PBMs-in-the-US-Healthcare-System_White-Paper.pdf

Matthew Fiedler, Loren Adler, and Richard Frank. A brief look at current debates about pharmacy benefit managers. Brookings. September 7, 2023. (16 pages) <https://www.brookings.edu/articles/a-brief-look-at-current-debates-about-pharmacy-benefit-managers/>

More on drug shortages and drug safety

Martha Wosinska and Richard Frank. Federal Politics to Address Persistent Generic Drug Shortages. The Hamilton Project. June 2023. (14 pages) https://www.hamiltonproject.org/wp-content/uploads/2023/06/20230621_ES_THP_GSI_Report_Final.pdf

Rosemary Gibson and Arthur Kellerman. How to Ensure the Quality and Safety of Our Generic Drugs. Health Affairs Forefront. August 7, 2023. (3 pages) <https://www.healthaffairs.org/content/forefront/ensure-quality-and-safety-our-generic-drugs>

Mary Beth Lang et al. How Lawmakers Can Achieve Savings from Biosimilars: Lessons from Kaiser Permanente. Health Affairs Forefront. August 3, 2023. (5 pages) <https://www.healthaffairs.org/content/forefront/lawmakers-can-achieve-savings-biosimilars-lessons-kaiser-permanente>

On tariffs

Marta Wosinska and David Blumental. How U.S. Tariffs Stand to Impact Prescription Drugs. Harvard Business Review. May 15, 2025. (4 pages) <https://hbr.org/2025/05/how-u-s-tariffs-stand-to-impact-prescription-drugs>

Alison Durkee. Trump Floats 200% Tariffs on Pharmaceuticals. Forbes. July 8, 2025. (2 pages) <https://www.forbes.com/sites/alisondurkee/2025/07/08/trump-floats-200-tariffs-on-pharmaceuticals/>

Tami Luhby. Drugmakers are pouring billions of dollars into new US manufacturing. It still won't achieve all of Trump's tariff goals. CNN. August 2, 2025. (4 pages) <https://www.msn.com/en-us/money/markets/drugmakers-are-pouring-billions-of-dollars-into-new-us-manufacturing-it-still-won-t-achieve-all-of-trump-s-tariff-goals/ar-AA1JMBHv?ocid=BingNewsSerp>

Frankie Fattorini. Can pharma tariffs “Make America Manufacture Again”? Pharmaceutical Technology. May 21, 2025 (3 pages) <https://www.pharmaceutical-technology.com/features/can-pharma-tariffs-make-america-manufacture-again/?cf-view>

On affordability and access to medications for patients

Ashley Leech, Elizabeth McNeer, and Andrew Roberts. Buprenorphine Out-of-Pocket Costs and Discontinuation in Privately Insured Adults with Opiate Use Disorder. JAMA Internal Medicine. August 7, 2023. (3 pages). <https://jamanetwork.com/journals/jamainternalmedicine/article-abstract/2807855>

Kerstin N. Vokinger, Emanuel Nussli, and Stacie Duestzina. Access to GLP-1 Weight Loss Drugs in the US, Canada, Switzerland, and Germany. JAMA Internal Medicine. July 15, 2024 (2 pages) <https://jamanetwork.com/journals/jamainternalmedicine/fullarticle/2821260>

Samantha Liss. Patients Squeezed in Fight Over Who Gets to Bill for Pricy Infusion Drugs. KFF Health News. July 5, 2023. (4 pages) <https://kffhealthnews.org/news/article/patients-squeezed-pricy-infusion-drugs-whitebagging-brownbagging/>

William Shrank, Steven Pearson, and Mark McClellan. [A private sector approach to cell and gene therapy in the U.S.](https://www.healthaffairs.org/content/forefront/private-sector-approach-cell-and-gene-therapy-us) Health Affairs Forefront. August 13, 2025 (3 pages) <https://www.healthaffairs.org/content/forefront/private-sector-approach-cell-and-gene-therapy-us>

More on costs of medications, including in other countries

Sean Dickson, Nico Gabriel, and Immaculada Hernandez. Changes in Net Prices and Spending for Pharmaceuticals After the Introduction of New Therapeutic Competition, 2011-2019. Health Affairs. August 2023. (7 pages) <https://www.healthaffairs.org/doi/epdf/10.1377/hlthaff.2023.00250>

Helen Collis. Can Europe afford the next generation of medicine. Politico. April 20, 2023. (2 pages) <https://www.politico.eu/article/europe-afford-next-generation-medicine/>

Waqas Haque. et al. Price comparison of human and veterinary formulations of medications. JAMA Internal Medicine. November 1, 2022. (2 pages) <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9468944/>

Mark Katz Meisselbach et al. Hospital Prices for Commercial Plans are Twice Those for Medicare Advantage Plans When Negotiated by the Same Insurer. Health Affairs. August 2023. (7 pages) <https://www.healthaffairs.org/doi/epdf/10.1377/hlthaff.2023.00039>

Giovanni Appolon, Shangbin Tang, and Nico Gabriel. Association Between Redlining and Spatial Access to Pharmacies. Jama Network Open. August 4, 2023. (3 pages) <https://jamanetwork.com/journals/jamanetworkopen/article-abstract/2808083>

On community pharmacies

Daphne Berryhill. Why Pharmacies are Disappearing, and What We Lose When They Do. MED Shadow Foundation. June 24, 2025. (6 pages). <https://medshadow.org/why-pharmacies-are-closing-pharmacist-burnout/>

Sashi Moodley. Rethinking Community Pharmacy: A Path to a Sustainable Model. Health Affairs Forefront. July 28, 2025. (5 pages) <https://www.healthaffairs.org/content/forefront/rethinking-community-pharmacy-path-sustainable-model>

On pharmacy workforce

Uzair Ali et. al. Is now our time? History to provider status for allied health professions and the path for pharmacists. Journal of the American Pharmacists Association. 2023. (5 pages) <https://www.japha.org/action/showPdf?pii=S1544-3191%2823%2900246-7>

Kate Traynor. Provider Status Means More than Medicare Part B. ASHP News Center. June 20, 2025. (3 pages) <https://news.ashp.org/News/ashp-news/2025/06/20/provider-status-means-more-than-medicare-part-b>

Letter to Congress from the AMA and other physician organizations opposing the “Equitable Community Access to Pharmacist Services Act.” July 23, 2024. (3 pages) <https://searchlf.ama-assn.org/letter/documentDownload?uri=%2Funstructured%2Fbinary%2Fletter%2FLETTERS%2Ffsors.zip%2F2024-7-23-AMA-Signed-on-Letter-re-HR-1770-S-2477-the-Equitable-Community-Access-to-Pharmacist-Services-Act-Opposition.pdf>

On 340B program

The Commonwealth Fund Explainer. The Federal 340B Drug Pricing Program: What It is, and Why It’s Facing Legal Challenges. September 8, 2022. (3 pages) <https://www.commonwealthfund.org/publications/explainer/2022/sep/federal-340b-drug-pricing-program-what-it-is-why-its-facing-legal-challenges>

Ted Okon. Hospitals and for-profit PBMs are diverting billions in 340B savings from patients in need. STAT. July 2, 2022 (2 pages) <https://www.statnews.com/2022/07/07/for-profit-pbms-diverting-billions-340b-savings/>

340B Health Responds to Senate Request for Information on 340B. July 21, 2023 (2 pages)
<https://www.340bhealth.org/newsroom/340b-health-responds-to-senate-request-for-information-on-340b/>

On GLP-1 medications

Sarah Edmond and Thomas Lee. GLP-1 Access and Affordability: Policy Options and Market Strategies. NEJM Catalyst. June 2025. (3 pages) <https://catalyst.nejm.org/doi/full/10.1056/CAT.25.0158>

American College of Gastroenterology. Anti-Obesity Drugs Will Not be Covered by Medicare and Medicaid in 2026. April 17, 2025. (1 page) <https://gi.org/2025/04/17/anti-obesity-drugs-will-not-be-covered-by-medicare-and-medicaid-in-2026/>

Kaitlyn Malkin. The GLP-1 Coverage Conundrum: Managing Costs for Group Health Plans. Verill. March 20, 2025. (3 pages) <https://www.verill-law.com/blog/the-glp-1-coverage-conundrum-managing-costs-for-group-health-plans/>

Grace Niewjk. Are GLP-1 drugs worth their current cost? UChicago Medicine At the Forefront. June 16, 2025. (2 pages)

Jennifer Hwang et. al. [Lifetime Health Effects and Cost-Effectiveness of Tirzepatide and Semaglutide in US Adults](https://jamanetwork.com/journals/jama-health-forum/fullarticle/2831205). JAMA Health Forum. March 14, 2025 (12 pages) <https://jamanetwork.com/journals/jama-health-forum/fullarticle/2831205>

On AI and pharmacy industry

Kathleen Welch. [How AI is Transforming the Pharmaceutical Industry](https://www.forbes.com/sites/kathleenwalch/2025/03/02/how-ai-is-transforming-the-pharmaceutical-industry/). Forbes. March 2, 2025 (2 pages) <https://www.forbes.com/sites/kathleenwalch/2025/03/02/how-ai-is-transforming-the-pharmaceutical-industry/>

NON-DISCUSSION BOARD ASSIGNMENT REMINDER

- Expert Paper due by November 22

THANKSGIVING WEEK (11/24) - Time to work on country and expert assignments

WEEK 14 (12/1) Where Might Things Be Going?

This session examines different ideas on where things might be going or should be going, including upcoming challenges facing the U.S. and other health systems such as around aging of the population.

REQUIRED (READ ALL) (52 pages)

Council of Health Care Spending & Value. A Road Map for Action. February 2023_ (25 pages)
https://www.healthaffairs.org/pb-assets/documents/CHS_Report/CHS_Report_2022_R5-1675432678.pdf

Nathan Chomilo. Can capitalism drive health equity? Considering the Benefits and Risks of Social Drivers of Health Bonds. Health Affairs. March 2023. (3 pages)
<https://www.healthaffairs.org/doi/10.1377/hlthaff.2022.01689#:~:text=Capitalism%20and%20health%20are%20not,tied%20to%20a%20financial%20gain.>

Stuart Butler. Caring for an Aging US Population – The Good News and the Bad News. JAMA Health Forum. May 23, 2024. (2 pages) <https://jamanetwork.com/journals/jama-health-forum/fullarticle/2819365>

Sergey Young. Will You Live to 200? Five Levels of Breakthroughs in Longevity Research You Must Know About. Forbes. December 10, 2021 updated. (4 pages)
<https://www.forbes.com/sites/forbestechcouncil/2021/05/03/will-you-live-to-200-five-levels-of-breakthroughs-in-longevity-research-you-must-know-about/>

OPTIONAL

McKinsey & Company. What to expect in U.S. healthcare in 2025 and beyond. January 10, 2025. (14 pages) <https://www.mckinsey.com/industries/healthcare/our-insights/what-to-expect-in-us-healthcare-in-2025-and-beyond>

Ezekiel Emmanuel. Nine Health Care Megatrends. Parts 1, 2 and 3. Health Affairs Forefront. May 9-11, 2023. Health Affairs Forefront (18 pages)

Catalyst For Payment Reform Market-Shaping Enterprises New Vendors Want to Rescue Health Care October 2022. (25 pages) https://www.catalyze.org/wp-content/uploads/woocommerce_uploads/2022/10/CPR_MSE-Report_Oct2022_Published-cdg02n.pdf?vgo_ee=T6msvzHcPJ7YV%2B7XJdOsS1niEkObbcAKh5fi29KPbnc%3D%3AVNxNQBFX98IM6x9u0%2BZtJ9322Mb%2Bh8ZN

Eyal Zimlichman et. al. Health Care 2030: The Coming Transformation. NEJM Catalyst. March 3, 2021. (5 pages) <https://catalyst.nejm.org/doi/full/10.1056/CAT.20.0569>

Fritz Heese and David Fries. Healthcare 2023: Four Economic Scenarios. OliverWyman. 2019. (3 pages) <https://www.oliverwyman.com/our-expertise/perspectives/health/2019/feb/healthcare-2030--four-economic-possibilities.html>

James Capretta. Ten Health Care Ideas for No One in Particular. Real Clear Policy. July 12, 2023. (3 pages) <https://www.aei.org/op-eds/ten-health-care-ideas-for-no-one-in-particular/>

Ann Hwang et al. State Strategies for Slowing Health Care Cost Growth in the Commercial Market. Issue Brief. The Commonwealth Fund. February 2022. (7 pages)
(https://www.commonwealthfund.org/sites/default/files/2022-02/Hwang_health_care_cost_growth_ib.pdf)

Jacob Zinkila. The scarcity economy has made life harder on Americans. Some are calling for an 'abundance agenda' to make college, housing, and healthcare more affordable. Insider. January 15, 2023. (3 pages)
<https://www.businessinsider.com/make-college-housing-healthcare-childcare-more-affordable-abundance-agenda-2023-1>

PWC. Next in Health 2023. (8 pages) <https://www.pwc.com/us/en/industries/health-industries/library/assets/pwc-next-in-health-2023.pdf>

Pinar Karaca-Mandic et. al. Proposing an Innovative Bond to Increase Investment in Social Drivers of Health Interventions in Medicaid Managed Care. Health Affairs. March 2023. (8 pages) <https://www.healthaffairs.org/doi/epdf/10.1377/hlthaff.2022.00821>

RESOURCES

Ann Hwang et. al . Profiles of Cost Containment Strategies. The Commonwealth Fund. February 2022. (36 pages) https://www.commonwealthfund.org/sites/default/files/2022-02/Hwang_health_care_cost_growth_10_profiles.pdf (provides more detail on ideas in Hwang piece above)

Neighborworks America and Center for Community Investment. From Silos to Collaborations: Building a Health Partner Investment Strategy. Readiness Toolkit. 2022. (49 pages) <https://www.neighborworks.org/getattachment/334ab487-e494-43eb-90f8-db5b99d00f95/attachment.aspx>

NON-DISCUSSION BOARD ASSIGNMENT REMINDER

- Expert Reflection Paper due by December 3

WEEK 15 (12/8) Conclusion (No additional readings)

This session involves no readings. It consists of a lecture that seeks to pull together all the major economic ideas on health and health care discussed during the term into a succinct summation.

NON-DISCUSSION BOARD ASSIGNMENTS REMINDER:

- 12/9 Post Country PowerPoint and Video
- 12/14 Post Reflection on Country Assigned to Review
- 12/16 Submit Final Essay

XX. ASSIGNED COUNTRY AND EXPERTS

Below are three tables showing your assigned country and experts:

- The first is in student order
- The second contains the names for the students assigned the same expert and country
- The third contains the names of students assigned the same reflection expert and country

Student	Expert	Reflect Expert	Country	Reflect Country
Abdirashid Abdi	John Goodman	Amy Finkelstein	Taiwan	United Kingdom
Daisy Beale	Amy Finkelstein	David Cutler	United Kingdom	Canada
Charlotte Blackwell	David Cutler	Sherry Glied	Canada	Singapore
Briawna Dildy	Sherry Glied	John Goodman	Singapore	France
Lana Elgaddafi	Thomas Rice	Paul Feldstein	France	Switzerland
Me'kyla Ellis-Davenport	Paul Feldstein	James C. Robinson	Switzerland	Japan
Amanda England	James C. Robinson	Kosali Simon	Japan	Netherlands
Peri Fouss	Kosali Simon	Mark McClellan	Netherlands	Germany
Gabrielle Ghiloni	Mark McClellan	Austin Frakt	Germany	Australia
Taryn H. Griswold	Austin Frakt	Michael Chernew	Australia	Sweden
Aaron Hinkle	Michael Chernew	Brian Blase	Sweden	Italy
Joanna Irby	Brian Blase	Thomas Rice	Italy	Taiwan
Julia R. Jagannath	Sherry Glied	John Goodman	Singapore	France
Clara Kalis	Amy Finkelstein	David Cutler	United Kingdom	Canada
Meghann Kasson	David Cutler	Sherry Glied	Canada	Singapore
Han Gil Kim	Sherry Glied	John Goodman	Singapore	France
Angela Ryan Lee	Thomas Rice	Paul Feldstein	France	Switzerland
Reagan Lovell	Paul Feldstein	James C. Robinson	Switzerland	Japan
Kyle Lucas	James C. Robinson	Kosali Simon	Japan	Netherlands
Liesl Ludwig	Kosali Simon	Mark McClellan	Netherlands	Germany
Mikaela Lujan	Mark McClellan	Austin Frakt	Germany	Australia
Simone Mahan	Amy Finkelstein	David Cutler	United Kingdom	Canada
Sriram Mangudi	Austin Frakt	Michael Chernew	Australia	Sweden
Lauren Misik	Michael Chernew	Brian Blase	Sweden	Italy
Jomanah Anmar M Nasser	Brian Blase	Thomas Rice	Italy	Taiwan
Max Newton	John Goodman	Amy Finkelstein	Taiwan	United Kingdom
Tom Ohler	Amy Finkelstein	David Cutler	United Kingdom	Canada
Threcia Phillips	David Cutler	Sherry Glied	Canada	Singapore
Hari Pyakurel	John Goodman	Amy Finkelstein	Taiwan	United Kingdom
Emma Rich	Thomas Rice	Paul Feldstein	France	Switzerland
Arielle Salse	Paul Feldstein	James C. Robinson	Switzerland	Japan
Alex Tranovich	James C. Robinson	Kosali Simon	Japan	Netherlands
Micah Vance	Kosali Simon	Mark McClellan	Netherlands	Germany
Raegan Waddell	Mark McClellan	Austin Frakt	Germany	Australia
Kailee Webb	Austin Frakt	Michael Chernew	Australia	Sweden
Troy Woodtke	Michael Chernew	Brian Blase	Sweden	Italy
Alex Wu	Brian Blase	Thomas Rice	Italy	Taiwan
Evan Zamot	John Goodman	Amy Finkelstein	Taiwan	United Kingdom

Expert and Country	Student	Student	Student	Student
John Goodman and Taiwan	Abdi	Newton	Pyakurel	Zamot
Amy Finkelstein and UK	Beale	Kalis	Ohler	Mahan
David Cutler and Canada	Blackwell	Kasson	Phillips	
Sherry Glied and Singapore	Dildy	Jagannath	Kim	
Thomas Rice and France	Elgaddafi	Lee	Rich	
Paul Feldstein and Switzerland	Ellis-Davenport	Lovell	Salse	
James C. Robinson and Japan	England	Lucas	Tranovich	
Kosali Simon and Netherlands	Fouss	Ludwig	Vance	
Mark McClellan and Germany	Ghiloni	Lujan	Waddell	
Austin Frakt and Australia	Griswold	Mangudi	Webb	
Michael Chernew and Sweden	Hinkle	Misik	Woodtke	
Brian Blase and Italy	Irby	Nasser	Wu	

Reflection Expert and Country	Student	Student	Student	Student
Amy Finkelstein and UK	Abdi	Newton	Pyakurel	Zamot
David Cutler and Canada	Beale	Kalis	Ohler	Mahan
Sherry Glied and Singapore	Blackwell	Kasson	Phillips	
John Goodman and France	Dildy	Jagannath	Kim	
Paul Feldstein and Switzerland	Elgaddafi	Lee	Rich	
James C. Robinson and Japan	Ellis-Davenport	Lovell	Salse	
Kosali Simon and Netherlands	England	Lucas	Tranovich	
Mark McClellan and Germany	Fouss	Ludwig	Vance	
Austin Frakt and Australia	Ghiloni	Lujan	Waddell	
Michael Chernew and Sweden	Griswold	Mangudi	Webb	
Blase and Italy	Hinkle	Misik	Woodtke	
Thomas Rice and Taiwan	Irby	Nasser	Wu	

XXI. ASSIGNMENTS WITH RUBRICS

Week 1 Reading/Video Analysis Assignment (5 total points)

The purpose of this assignment is to get you to start critically thinking about how to understand competing ways of thinking about health care coverage and cost challenges in the U.S. Week one includes several readings and two videos that present an overview of the U.S. health system. Two of them contain different views on why U.S. health care costs are so high (Green and Doren videos). In the reading by Reinhardt and Cheng, the authors discuss how they expect health-care cost containment efforts will reshape the U.S. system.

You are getting this information at the beginning of this course. It will be interesting to see how, if at all, your critical assessment of the reading/video you elect to analyze changes from between the beginning and end of the course. Also, it will be interesting if your initial take on the reading/video changes over the course of the term.

To pursue this line of inquiry you will complete two assignments, an initial essay and a final essay. The Week 1 reading/video to choose from are:

- John Green's [video](#) on Why Are American Health Care Costs So High?
- Lee Doren's [video](#) responding to John Green's video
- Summary of a [presentation](#) by Uwe Reinhardt and Tsung-Mei Cheng on the ethical structure of sustainable health spending

For the initial essay you are to write a 2-3 single-spaced essay on your chosen Week 1 reading/video which:

1. Succinctly explains the main argument(s) of the author(s)/blogger
 - No need to repeat everything said in the video or reading
2. Indicates whether you are inclined to agree or disagree with their argument based on what you know currently
3. Identifies at least two questions you would want more information about to better assess the author/blogger's argument
4. Identifies information you would want to learn more about during this semester to be able to better evaluate the accuracy of their argument

Initial Essay – 5 points – due September 10

Week 1 Reading/Video Analysis Assignment (5 total points)

Criteria

<p>This criterion is linked to a Learning Outcome Week 1 Reading/ Video Analysis</p>	<p>4.6 - 5 pts Excellent Response articulately identifies core argument of the author/blogger; raises 2 questions about what you want to learn more about; identifies at least two pieces of information you need to make a more in-depth assessment of the reading/video; and includes your initial impression</p>	<p>4.1 – 4.5 pts Good Response identifies only 1 question or only a decent summary of core argument or does not include your initial impression and/or identifies only 1 piece of information you need to better assess the reading/video</p>	<p>3.6 - 4 pts Fair Reflection only shows partial understanding of the reading/video or lacks questions or sources of information</p>	<p>3 pts Poor Section is incomplete.</p>	<p>0 pts No Marks No submission</p>
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Due: September 10

Expert Assignment (30 total points)

The purpose of this assignment is to allow each student to gain a deeper understanding of health economics through the perspective of a single health economist. At least three students will be assigned the same health economist. The paper and online posting portion of this assignment can be done individually or as a group project. The comparison reflection portion is to be done individually, even if you did the other work as a group. ***(working jointly with classmates assigned the same country is strongly encouraged as it both lessen your individual workload and enhance the learning experience)***

5. Paper (22 points) consisting of three sections – **ALL PARTS DUE November 22**

- **Short Biography** on your assigned expert (2 points)
- **Analysis (15 points)** Discuss your experts take on 5 of the following topics (if doing as an individual) or 8 (if doing as a group project). Each analysis is to be 2 pages single-spaced or 4 pages double-spaced. For each topic include information from at least 2 sources (can be from the 10 works you are required to find (see below) and/or any course readings by your expert included in the course syllabus). The topics are divided into the following 12 categories. The categories and topics are included in the rubric at the end of this syllabus and in the PowerPoint slides that accompany the video explaining the assignment. You can select up to two topics within any category:
 - Overall issues
 - Health care coverage
 - Health care costs and prices
 - Health care markets
 - Health care utilization
 - Health care regulations
 - Health care organization and delivery
 - Health care payment
 - Cost effectiveness analysis
 - Pharmacy
 - Disparities and social drivers of health
 - Other
- **Bibliography with short summary** (5 points)
 - Must contain 10 works by your assigned expert if assignment is done individually
 - 15 works if done as a group
 - Must include a summary of two sentences for each work that explains
 - The purpose of the specific work (sentence 1)
 - A main argument, finding, or conclusion discussed in the work (sentence 2)
 - Works can be actual personal interview², published journal articles, testimony, blog entries, editorials, books, chapters from a textbook, or videos

² Note: Interviewing an expert is encouraged, however, we don't want experts contacted for multiple interviews. If you opt to contact your assigned expert for an interview, please coordinate with other classmates who are assigned the same expert. It is acceptable to jointly interview or use the same interview (perhaps record it with permission).

- All works count as 1, except books (other than textbooks or an interview you do with the expert)
 - Non-textbooks and interviews count as 4 works
 - For textbooks can include up to 4 chapters, each chapter with its own separate entry in the bibliography and summary
 - Worth 1 point per chapter
- 6. **Post on 2 Weekly Topics** (3 points) -- At least twice during the term, share your expert's take regarding the weekly topic on assigned class discussion board
 - For those working as group need to post three (3) times during the term
 - Due by November 22
- 7. **Expert Comparison Reflection** (5 points) – On a designated class discussion board, post a reflection on the views of the expert you are to react to. Use at least one of the topics discussed by the individuals or group assigned to this expert for your reflection. Your reflection should include two parts: 1) your personal take on this expert and 2) how your own expert would react to this other expert. (Comparison expert will be assigned.)
 - Due by December 3
 - Your response should be 4 to 5 paragraphs maximum, including describe the topic being discussed, the reflection expert's take, your expert's take on the reflection expert's take, and your own take on your reflection expert

The topic options are below, broken into 12 categories. You can select **NO MORE** than 2 topics from any category.

Overall issues:

- How will artificial intelligence impact the U.S. health care system?
- What is needed to move the U.S. from a sick care system to a health-focused system?
- What is the perspective on the One Big Beautiful Bill?
- What is the perspective on the MAHA Commission's reports?
- What are the strengths and/or weaknesses of the current health care system in the U.S.?

Health care coverage

- Should there be universal health care coverage in the U.S?
- How should health care coverage best be structured in the U.S?
- How should health care coverage be financed in the U.S?
- What should health coverage plans include as basic benefits?
- Does having employer-based coverage make sense?

Health care costs and prices

- Why are health care costs high in the U.S. relative to other countries?
- What strategies should be pursued to regulate health care prices?

Health care markets

- How well do markets work in health care?

- What is needed to make markets work better?

Health care utilization

- Is there a problem with health care utilization in the U.S.?
- What strategies should be pursued to control health care demand?
- What is the appropriate role of cost sharing?
- What strategies can make patients better consumers of health care resources?
- How much focus should be placed on addressing concerns over moral hazard?

Health care regulations

- What is the proper role of regulation in health care?
- What changes should happen with current regulations?

Health care organization and delivery

- What role, if any, should private equity play in the organization of health care in the U.S.?
- Do consumer-directed health plans have an appropriate and effective role in the U.S.?
- Does the U.S. have a problem with too little or too much supply of health care services?
- Is there a problem with provider and/or payor monopoly/oligopoly control in health care?

Health care payment

- Are value-based payment strategies a worthwhile approach?
- Are commercial prices too high, and if so, why?

Cost effectiveness analysis

- Should measures like QALY be used in determining the value of health interventions?
- Should cost effectiveness analysis be used in making coverage and other health policy decisions?

Pharmacy

- Should the federal government negotiate drug prices with pharmaceutical companies?
- Are pharmacy benefit managers something to be concerned about?
- What is the best approach to controlling pharmacy costs?

Disparities and social drivers of health

- Is spending more on population-based prevention cost effective and worthwhile?
- Should there be a focus on social determinants of health or root causes of poor health?
- What accounts for disparities in health outcomes?
- What role should social support policies play in addressing health care issues in the U.S.?

Other

- If there is another topic of importance to your expert not listed above that you wanted to discuss?
 - Can use this option for one of the required responses
- You can write a book review of a book by your expert for (would count as two summaries)
 - Review should be 3-4 pages long, single spaced

- You can include a summary of an interview you do with your expert (would count as two summaries)
 - Write up should be 3-4 pages in length, single spaced

EA Paper (23 total points)

Criteria

This criterion is linked to a Learning Outcome Short Bio	2 pts Excellent Summary shows good understand of the expert and their role in the healthcare economic community.		1 pts Fair Marks Biography is limited in scope or is incomplete.	0 pts No Marks No submission	
This criterion is linked to a Learning Outcome Summary of Expert's Views					
	3.8-4 pts per summary (2.5-2.67 for group) Excellent Each analysis is complete, shows comprehensive understanding of the person's views on the topic discussed	3.25–3.5 points/summary (2.2-2.4 for group) Good Analyses are mostly complete and show some deeper understanding of the person's views	2.75 – 3.0 points/summary (1.9-2.1 for group) Fair Analyses are incomplete with superficial understanding of the person's views on topic selected	2 pts per summary (1.4 for group) Poor Section is incomplete;	0 pts No Marks No submission
This criterion is linked to a Learning Outcome Bibliography with Summary					
	5 points Excellent Bibliography includes all 10 works with summary (15 for group)	4 points Good Bibliography includes at least 8-9 works with summary (13-14 for group) or 10 works but missing 2 or fewer summaries.	3 points Fair Bibliography includes between 6-7 works (9-12 for group) or 10 works but missing 3 to 5 summaries	2 points Poor Bibliography includes fewer than 6 works (less than 9 for group) or 10 works and fewer than 5 summaries	0 pts No Marks No submission.

EA Paper (23 total points)

Criteria

EA Posting (2 total points)

Criteria

Ratings

This criterion is linked to a Learning Outcome
Post on Expert's View on Weekly Topic

1 point per post (.67 points for group)
Excellent

Posts show good understanding of the expert's position on topic for the week chosen.

.6 pts per post (.4 per post for group)
Fair Marks

Posts show limited understanding of expert's position

0 pts
No Marks
No submission

EA Reflection on Different Expert (5 total points)

Criteria

This criterion is linked to a Learning Outcome
Reflection on Other Expert

5 pts
Excellent

Reflection shows good understanding of views of other assigned expert and nicely compares with own expert

4 pts
Good

Reflection shows good understanding of views of other assigned expert and partially compares with own expert

3 pts
Fair

Reflection either only shows partial understanding of views of other expert or does not include compare with own expert

2 pts
Poor

Section is incomplete.

0 pts
No Marks
No submission

Country Assignment (35 total points)

The purpose of this assignment is to allow each student to gain a deeper understanding of different ways that countries with similar economic strength to the U.S. work to meet the health needs and address health system challenges. At least three students will be assigned the same country (the same three students who were assigned the health expert).

The country assignment contains the following 3 components:

1. PowerPoint and Video
2. Weekly posting on country
3. Reflection on another country

The video, PowerPoint slide deck, and online posting portion of this assignment can be done individually or as a group project.

The comparison reflection portion is to be done individually, even if you did the other work as a group.

(working jointly with classmates assigned the same country is strongly encouraged as it both lessens your individual workload and enhances the learning experience)

Power Point and Video (20 points) – Due by December 9

For this assignment, students will create a PowerPoint slide deck and record and upload a video summarizing the features of their assigned country's health care system (template to be provided). Students may work together and complete a single video and slide deck.

- You will be uploading BOTH your PowerPoint deck AND the URL for your video.

PowerPoint slide deck

Each PowerPoint slide deck is to provide a general description and discussion on different aspects of a given country. The PowerPoint slide deck will contain a lot more information than will be shared in the video. It will build off of the information shared in the weekly posts as it will both include topics in addition to the weekly topics and you can go into more depth than required in the weekly posts.

This information is important for your peers who are assigned your country for their country reflection assignment to use for that assignment

Include a list of references along with the PowerPoint slide deck, can be on slides within the presentation or as a separate attachment to it.

Topics to cover in the country assignment PowerPoint:

Overall demographic, economic, and political features of your country

- Major demographic facts, such as

- Population size
 - Overall
 - By age
 - By ethnic/racial groups
 - By percent that are new immigrants
- Key economic facts
- How is the government structured in general and specific to health care
 - National level
 - Role for regional areas
 - Role for local government
- Any other interesting features you think useful to include

Overall health ranking and key health-related data of your country

- International health care rank
- Life expectancy
- Infant mortality rate
- Leading causes of death
- Health care costs as portion of GDP
- Health care utilization trends
- Allocation of health care spending
 - by types of services
 - by population groups
- Other data you find interesting to include

Health care coverage

- How does your country provide health care coverage for its population?
 - What, if any, coverage is provided for immigrants?
 - Role of national government
 - Role of regional and/or local government
 - Role of employers
 - Role of insurance companies
 - Role of individuals
 - As patients
 - As citizens
 - Others?
- What, if any, additional supports are provided to lower income citizens?
- How is the issue of aging of the population being addressed?
 - Is it a challenge currently?
 - Do seniors get any additional supports or benefits?

Health care benefits

- What does your country include in the basic coverage provided to citizens?

- Any benefits that seem unusual compared to what is covered in the U.S.?
- Can people purchase additional coverage?

Health care financing

- Who finances the cost of providing health care coverage?
 - Role of national government
 - Role of regional and/or local government
 - Role of employers
 - Role of individuals
 - As patients
 - As taxpayers
 - Others?

Health care organization and delivery

- How do markets for health care function?
- How is delivery of care structured
 - Role of primary and specialty care
 - Role of hospitals
- How much focus is there on prevention and wellness?
- Is there a role from private equity?
- What, if any, is the role for private health insurance?

Health care payment

- How are health care services paid for?
 - Use fee-for-service
 - Any value-based payment models
 - Any use of global budgets?
- Is there concern from providers about insufficient payment?

Health care cost and prices

- How are health prices set and adjusted?
- How fast are prices increasing
- What are the costs pressures being faced currently?
- Is the rise in health spending causing budget challenges?

Health care utilization

- Is there a concern over health care utilization?
 - Too much?
 - Not the right kind?
- What strategies are used to try and control health care utilization?
- Can people get any and all the services that they need?
- What type of health care rationing is there?

Pharmacy

- How are pharmacy issues being handled?
 - Coverage of new, high-cost medications
 - Role for generics
 - Support for pharmaceutical innovation

Regulation

- How does your country approach regulation of health care?
- How use costs-effectiveness analysis
- Do they use QALYs or any other such measures?

Health disparities and social drivers of health

- What, if any health disparities are there
 - Rural vs non-rural
 - Low-income vs higher income
 - Majority population vs minority population
- How are issues related to root causes of poor health/social determinants of health handled?
- What social policy supports are provided to citizens?

Workforce

- Facing any workforce challenges in health care system?
- Any strategies being pursued to train more health care workers
- How is AI and/or automation getting used, if at all

Where are things going

- What are challenges facing your country's health system currently?
- What, if any, health reforms have
 - Been pursued to date
 - Are being discussed

Views on the country's health system

- What criticisms are raised against the country's approach to providing health care coverage, paying for health care, and addressing overall health outcomes?
- What arguments are raised to support your country's approach compared to other countries?

If done as a group different members can develop materials for sections of the slide deck. However, make sure that the slide styles are consistent across the group and avoid unneeded redundancy of information.

Video

The video is to distill the major information on the country into no more than 12 minutes (and at least 8 minutes). The video is NOT to cover everything included in the PowerPoint slide deck on your country. It is to provide the listener with a general understanding of the structure of health care coverage, financing, delivery, costs, and outcomes in your country, along with the current challenges facing the existing system and any reform efforts underway or recommendations to improve the current system.

- Consider the video as an entry to learning about the country's health system with the PowerPoint slide deck serving as a source for much more detail on the country.
- When creating this video feel free to be creative. The easiest option is to use the video as a straight lecture on the health system with a series of PowerPoint slides. But you are welcome to use other methods, such as:
 - a moderated roundtable discussion where each presenter responds to one more questions
 - role playing where individuals talk about the country's health system from their experience/role in the system like patient, provider, government official, etc
 - one more people being a proponent of the system and one or more people being a critic of it
- Some key features for the video in addition to being no more than 12 minutes long (and at least 8 minutes)
 - For groups, it is okay to elect one person to present for the group or share the presentation time
 - When multiple people are presenting be sure to not repeat information already presented by a different speaker
 - Avoid "filler words," such as uhms and ahs.
 - If using PowerPoint slides avoid simply reading the slides

Uploading Videos and Slides

Canvas does allow you to submit multiple files as part of the same submission. In Canvas, this will appear as a Resubmission. Submitting a second time does NOT delete or remove the first item you submitted, it just adds to the items I can see when grading. You can submit the following two items in any order but *both* are required for this assignment.

1. URL link to your Video
2. File to your slide deck

Weekly Posting on Country (10 points) (due by Sunday after end of the week topics is discussed)

On specified discussion board, discuss how assigned country addresses the weekly lecture topic for weeks 5 through 14

Only have to post on 8 of the ten possible weeks between weeks 5 and 14

Reflection on other assigned country (5 points) – Due by December 14

Post a reflection comparing your country's health care system to that of another country. (Comparison country will be assigned.)

- Reflection to include
 - Similarities and differences between the two countries on how they handle providing health care coverage
 - Your thoughts on your reflection country's health care system
 - What take your expert has or you believe would have on your reflection country
- **Due by December 10**

This reflection is done individually. It is not a group project.

CA Power Point and Video Rubric (23 points)					
Criteria	Ratings				
This criterion is linked to a Learning Outcome Up to 11-minute video (and at least 7 minutes)	10.25-11 pts Excellent Video is complete, provides excellent overview of the country's health care system and its strengths, challenges, opportunities, weaknesses and where it is heading; is between 8 and 12 minutes.	9.25 – 9.9 pts Good Video is mostly complete, provides good overview of the country's health care system and its strengths, challenges, opportunities, weaknesses and where it is heading; or is between 12.1 - 13 minutes or between 7 and 7.9 minutes	7.5 – 8.9 pts Fair Video is incomplete with superficial explanation of country's health care system and its strengths, challenges, opportunities, weaknesses and where it is heading; or video is over 13 -15 minutes or 6 – 7 minutes	5 pts Poor Section is incomplete. Video is over 15 minutes or under 6 minutes	0 pts No submission
This criterion is linked to a Learning Outcome PowerPoint presentation slide deck	11.2-12 pts Excellent Slide deck includes information on all required elements outlined in the assignment in good detail.	10 – 10.8 pts Good Slide deck includes information on all required elements outlined in the assignment in brief detail.	8.8 – 9.75 pts Fair Slide deck includes information on 80% of the elements outlined in the assignment in good detail or all elements but in superficial detail.	7.5 pts Poor Section is incomplete	0 pts No submission

CA Weekly Posting for Weeks 5 through 14 (7 total points)

Criteria	Ratings		
This criterion is linked to a Learning Outcome Expert Post on Weekly Topic	1 point per post as individual (.67 points per post for group) Excellent Posts show good understanding of the country's approach to week's topic.	.75 points per post as individual (.4 points per post for group) Fair Posts show limited understanding of country's approach to week's topic	0 pts No Marks No submission

CA Reflection on Different Country (5 total points)

Criteria					
This criterion is linked to a Learning Outcome Reflection on Other Expert	4.75-5 pts Excellent Reflection shows good understanding of other country and nicely compares with own country	4 - 4.5 pts Good Reflection shows good understanding of other country and partially compares with own country	3.25 – 3.8 pts Fair Reflection either only shows partial understanding of other country or has limited comparison with own country	2.5 pts Poor Section is incomplete.	0 pts No Marks No submission

Discussion Board Assignment (20 total points)

The purpose of this assignment is to foster student engagement with the readings and lectures. It contains two components. The first component is a student original post on a prescribed set of readings, videos and/or lectures for each week's materials. Students are required to respond to 10 of the 14 weeks of class content. The second component is for students to reply to at least one original post of a different student for the 10 weeks that a student posts an original comment.

Original post (1.5 points/post)

An original post that qualifies for full points must include thoughts that grapple with the ideas in the how the materials and not simply rehashing what the materials said. It is to include either 1) at least 3 readings or 2) 1 reading and one lecture from the required readings.

Response to original post (0.5 points/post)

A response that qualifies for full points is a post that interacts with the ideas contained in the original post. It should not simply repeat what a student said in their original post or simply concur with the thought in the response a student in responding to.

Extra credit opportunities (up to 6 points possible)

There are two extra credit opportunities related to the discussion board assignment:

- Additional discussion board posts/reflections beyond required 7 posts – up to 4 points (up to 1 point per extra post)
- Inclusion of an optional reading in discussion board post – up to 2 points (up to .25 additional points per discussion board post that includes discussing an optional reading)

Criteria	Ratings		
This criterion is linked to Learning Outcome Original Discussion Board Post on Weekly Topic	1.5 points per post Excellent Posts show both good understanding of the materials chosen to review to and a good reflection on this these materials	1.1 points per post Fair Posts show either only include a description of the content in the materials with no or minimal reflection on these materials or a limited understanding of the materials even with a reflection on the materials	0 pts No Marks No submission
Criteria	Ratings		
This criterion is linked to Learning Outcome Reaction to Original Discussion Board Post on Weekly Topic	.5 points per post Excellent Posts interact well with post reacting to, including more than simply repeating what was said in that post or simply concurs with it	.375 points per post Fair Posts give minimal engagement with original post reacting to	0 pts No Marks No submission

Final Essay Assignment (10 total points)

The purpose of the final essay is to demonstrate your understanding of the materials shared during the term. It will include you effectively incorporate the required number of terms/concepts chosen from a list provided with the essay question provided to students and students providing a well- presented, coherent discussion/response to the essay question.

The final essay assignment is for you to critically assess the Week 1 reading/video you chose for you opening assignment based on the information you have learned throughout this course. In this essay you are required to incorporate five of the terms/concepts from the list below. You are to use the term correctly and be sure to explain its meaning to the reader of the essay.

In addition, you are to explain whether you agree with or do not agree with the arguments of this author(s)/blogger and why. If your position has changed from the initial essay, you are to explain why.

You DO NOT need to do any additional research for this essay. You are to use class readings and videos, lectures, information from your expert or country assignments, and/or your own real-world experiences in health care as the basis for your answer, providing appropriate citations. You can include figures or tables, if appropriate.

Here is the list of terms/concepts to choose your required 5 terms/concepts from to include in your response:

- Moral hazard
- Bounded rationality
- Behavioral economics
- Tragedy of the anti-commons
- Elastic and inelastic demand
- Social drivers of health
- Market failure
- Chronic stress
- Opportunity cost
- Disruptive innovation
- QALY
- Asymmetric information
- Principal and agent relationship
- Human capital
- Value-based insurance design
- Alternative payment models
- Low-value care
- Maslow's hierarchy of needs
- Regulatory burden
- Market entry barriers

Essay is to be no more than 5 pages and not require any additional readings/research to write.

Essay is due by December 14

Topics	Aligned Course Learning Objective(s)	Aligned MPH Core Competencies	Content/Aligned Readings/ Other Materials	Student Evaluation or Assessment
Week 1: Introduction and Overview of the US Healthcare System	CO 2&3	MPH PEP Spec- 2, 3, 7; MPH Core 5, 6, 11, 12, 14, 15	Week 1 Readings and Lectures (see syllabus)	Green and Doren Comparison Discussion Cohort Board
Week 2: Why Health Matters and What Matters to Foster Health	CO 1, 2 & 3	MPH PEP Spec – 2, 3, 7; MPH Core 5, 6, 11, 12, 14, 15	Week 2 Readings and Lectures (see syllabus)	Discussion Cohort Board Final Essay
Week 3: Overview of Economic Concepts	CO 1, 2 & 3	MPH PEP Spec- 2, 3, 7; MPH Core 5, 11, 12, 15	Week 3 Readings and Lectures (see syllabus)	Discussion Cohort Board Final Essay Country and Expert Assignments
Week 4: Assumptions of Market Model and Its Challenges	CO 1, 2 & 3	MPH PEP Spec- 2, 3, 7; MPH Core 5, 6, 11, 12, 15	Week 4 Readings and Lectures (see syllabus)	Discussion Cohort Board Final Essay Country and Expert Assignments
Week 5: Health care coverage	CO 1, 2, 3, & 4	MPH PEP Spec-2, 3, 7; MPH Core 5, 6, 11, 12, 14, 15	Week 5 Readings and Lectures (see syllabus)	Discussion Cohort Board Final Essay Country and Expert Assignments
Week 6: Health care utilization	CO 1, 2, 3, & 4	MPH PEP Spec-2, 3, 7; MPH Core 5, 6, 11, 12, 14, 15	Week 6 Readings and Lectures (see syllabus)	Discussion Cohort Board Final Essay Country and Expert Assignments
Week 7: Health care payment	CO 1, 2, 3, & 4	MPH PEP Spec-2, 3, 7; MPH Core 5, 6, 11, 12, 14, 15	Week 7 Readings and Lectures (see syllabus)	Discussion Cohort Board Final Essay Country and Expert Assignments
Week 8: Workforce	CO 1, 2, 3, & 4	MPH PEP Spec-2, 3, 7; MPH Core 5, 6, 11, 12, 14, 15	Week 8 Readings and Lectures (see syllabus)	Discussion Cohort Board Final Essay Country and Expert Assignments
Week 9: Health care costs and prices	CO 1, 2, 3, & 4	MPH PEP Spec-2, 3, 7; MPH Core 5, 6, 11, 12, 14, 15	Week 9 Readings and Lectures (see syllabus)	Discussion Cohort Board Final Essay Country and Expert Assignments
Week 10: Health care delivery	CO 1, 2, 3, & 4	MPH PEP Spec-2, 3, 7; MPH Core 5, 6, 11, 12, 14, 15	Week 10 Readings and Lectures (see syllabus)	Discussion Cohort Board Final Essay Country and Expert Assignments
Week 11: Evaluation and Cost Effectiveness	CO 1, 2, 3, & 4	MPH PEP Spec-2, 3, 7; MPH Core 5, 6, 11, 12, 14, 15	Week 11 Readings and Lectures (see syllabus)	Discussion Cohort Board Final Essay Country and Expert Assignments
Week 12: Quality and Regulation	CO 1, 2, 3, & 4	MPH PEP Spec-2, 3, 7; MPH Core 5, 6, 11, 12, 14, 15	Week 12 Readings and Lectures (see syllabus)	Discussion Cohort Board Final Essay Country and Expert Assignments
Week 13: Pharmacy case study	CO 1, 2, 3, & 4	MPH PEP Spec-2, 3, 7; MPH Core 5, 6, 11, 12, 14, 15	Week 13 Readings and Lectures (see syllabus)	Discussion Cohort Board Final Essay Country and Expert Assignments
Week 14: Where are things going?	CO 1, 2, 3, & 4	MPH PEP Spec-2, 3, 7; MPH Core 5, 6, 11, 12, 14, 15	Week 13 Readings and Lectures (see syllabus)	Discussion Cohort Board Final Essay Country and Expert Assignments

XXII. Course Schedule and Alignment