HEALTH POLICY & MANAGEMENT 217
Patricia A. Ganz, M.D.

Time: Wednesday, 9- 11:50 AM
Place: A2-125 CHS, Conference Room

Required readings: Electronically available through CCLE
https://ccle.ucla.edu/course/view/17S-HLTPOL217-1

Course objectives: (See Attached Learning Objectives and Competencies)
This weekly seminar emphasizes discussion of primary literature (case studies) as its major source of material, although videos are also included. Homework is assigned in relationship to topics that are discussed. The course emphasizes participation of the students in critical review and discussion of the selected literature; therefore regular attendance is required. Specific assignments will have students explore relevant databases and information to promote active learning.

The course focuses on how medical information is accumulated, disseminated, and implemented by health care providers and organizations in various care settings. Students are introduced to the concept of randomized clinical trials and meta-analytic approaches as a source for determining treatment efficacy and standards for evidence-based care. Examples of the dissemination of clinical trial results are examined. The use of consensus development and practice guidelines are reviewed as strategies for affecting medical practice. Finally, the course examines variations in patterns of care as a means of understanding actual medical practice, with a discussion of mechanisms to change physician and organizational behavior. At the completion of the course, students should have greater appreciation of the complexities in delivery of evidence-based care and the variability of service delivery based on provider and organizational behavior and characteristics. The implications for implementation research and health policy are emphasized throughout the course.

Evaluation of Student Performance:

- Class participation: 20%
- Mid-term examination: 35%
- Class Presentation: 10%
- Term Paper: 35%

Office hours and availability:
after class on Wednesdays
By appointment: contact me at 310-206-1404 or pganz@mednet.ucla.edu

Students needing academic accommodations based on a disability should contact the Center for Accessible Education (CAE) at (310)825-1501 or in person at Murphy Hall A255. When possible, students should contact the CAE within the first two weeks of the term, as reasonable notice is needed to coordinate accommodations. For more information visit www.cae.ucla.edu."
# HPM 217: Learning objectives and competencies

<table>
<thead>
<tr>
<th>LEARNING OBJECTIVES: What you will learn in this course</th>
<th>Health Policy &amp; Management MS/PHD Competencies related to the learning objective</th>
<th>How you will be evaluated/Assessed</th>
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<tbody>
<tr>
<td>To understand of the principles of evidence-based medicine and its application in the delivery of health care</td>
<td>Competency #1-Acquire knowledge of the context of health and health care systems, institutions, actors, and environment.</td>
<td>Participation in class discussion and homework assignments Mid-term exam</td>
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<td>To critically evaluate the dissemination and adoption of health care practices and their variation</td>
<td>Competency#5-Describe the strengths and weaknesses of study designs to appropriately address specific health services research questions.</td>
<td>Participation in class discussion and homework assignments Mid-term exam Class paper</td>
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<td>To develop critical thinking and analysis skills related to the review of relevant literature and application to health care delivery</td>
<td>Competency #3-Pose relevant and important research questions, evaluate them, and formulate solutions to health problems, practice and policy. Competency #8-Demonstrate proficiency in the appropriate application of analytical techniques to evaluate HSR questions.</td>
<td>Participation in class discussion and homework assignments Mid-term exam Class paper</td>
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<td>To enhance professional writing skills</td>
<td>Competenct#10-Effectively communicate the process, findings, and implications of health services research through multiple modalities with stakeholders.</td>
<td>Class paper</td>
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<td>To refine presentation skills</td>
<td>Competenct#10-Effectively communicate the process, findings, and implications of health services research through multiple modalities with stakeholders</td>
<td>Presentation of class paper</td>
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<td>To actively participate in discussions with classmates and the instructor</td>
<td>Competency#9- Work collaboratively in teams within disciplines, across disciplines, and/or with stakeholders. Competency#10-Effectively communicate the process, findings, and implications of health services research through multiple modalities with stakeholders</td>
<td>Class discussions, review of homework assignments</td>
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<tr>
<td>To refine professional skills</td>
<td>Competency#9- Work collaboratively in teams within disciplines, across disciplines, and/or with stakeholders. Competency#10-Effectively communicate the process, findings, and implications of health services research through multiple modalities with stakeholders</td>
<td>Providing feedback to peers about the quality of in-class presentations and reflecting on feedback from peers.</td>
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HEALTH POLICY & MANAGEMENT 217  
Spring 2017

Schedule of Topics

1. April 5, 2017  
   Introduction to Course: Challenges to delivery of evidence-based medical care  
   Video: Temple of Science

2. April 12, 2017  
   Randomized Clinical Trials  
   Video: Random Cuts

3. April 19, 2017  
   Clinical Trials: Meta-Analysis and Other Evidence Evaluation Processes

4. April 26, 2017  
   Clinical Trials: Dissemination of Results and Barriers to Uptake

5. May 3, 2017  
   Mid-Term Examination

6. May 10, 2017  
   Diffusion of New Technologies and Therapies  
   Guest Lecturer: Erin Hahn, MPH, PhD  
   Kaiser Southern California Research Group

7. May 17, 2017  
   Variations in Care***

8. May 24, 2017  
   Practice Guidelines/Changing Behavior

9. May 31, 2017  
   Implementation Research in the Practice Setting/Organizational Multi-level system change  
   Guest: David Ganz, MD, PhD  
   DGSOM and VA Greater Los Angeles Healthcare

10. June 7, 2017  
    Class Presentations - Term Papers Due

***Please note that class will start at 8:30 this day and conclude at 11:00—sorry for the inconvenience but I need to travel to Denmark for a dissertation defense.
Session 1

Introduction to Course
Video: Temple of Science

Reading list:
*= required for everyone

*Berwick DM. Health Services Research and Quality of Care: Assignments for the 1990's. Medical Care 27:763-771, 1989. PMID: 2755218


Session 2

Randomized Clinical Trials
Video: Random Cuts

Reading list:
*= required for everyone


**Session 3** Meta-Analysis, Systematic Reviews and Comparative Effectiveness; evidence evaluation processes

**Reading list:**
* =required for everyone

PMID: 12584376


PMID: 3300460

PMID: 19787009


Homework Assignment: Select a study from the Cochrane Database to review and discuss in class. http://www.cochrane.org/

Session 4 Clinical Trials: Dissemination of Results and Barriers to Uptake

Reading list:
*=required for everyone


Lazovich D, White E, Thomas DB, Moe RE. Underutilization of breast-conserving surgery and radiation therapy among women with stage I or II breast cancer. JAMA 266:3433-3438, 1991. PMID: 1688350


*Schwartz LM, Woloshin S. News media coverage of screening mammography for women in their 40s and tamoxifen for primary prevention of breast cancer. JAMA 2002;287(23):3136-42. PMID: 12069679


Addressing the issue of insufficient evidence: http://www.uspreventiveservicestaskforce.org/uspstf09/methods/inevidup.htm#copyright

Retirement of the NIH Consensus Development Program 2013; http://consensus.nih.gov/

Homework Assignment: (choose one of the following options)

a) Pick a clinical condition and review clinical trials that are available for this condition at www.ClinicalTrials.Gov. Plan to discuss what you found.

b) Please go to the US Preventive Services Task Force site at https://www.uspreventiveservicestaskforce.org/ and choose a recommendation to review and be prepared to discuss in class.

Session 5  Mid-term Examination

Session 6  Diffusion of New Technologies and Therapies

Reading list:
* = required for everyone


Legorreta AP, Silber JH, Costantino GN, et al. Increased cholecystectomy rate after the introduction of laparoscopic cholecystectomy. JAMA 270:1429-1432, 1993. PMID: 8371441

PMID: 7934272


Homework assignment: Examine the Choosing Wisely Campaign website at http://www.abimfoundation.org/Initiatives/Choosing-Wisely.aspx and select one recommended test or procedure that should no longer be performed.

Session 7 Variations in Care

Reading list:
*required for everyone

*McNeil BJ. Shattuck Lecture—Hidden Barriers to Improvement in the Quality of Care. NEJM 345:1612-1620, 2001. PMID: 11757509

Sirovich, BE, Gottlieb, DJ, Welch, HG, et al. Variation in the tendency of primary care physicians to intervene. Archives of Internal Medicine, 165(19), 2252-6, 2005. PMID: 16246991


*Emanuel E J. Where are the health care cost savings?. JAMA (Chicago, Ill.). 2012;307(1):39-40. PMID:22215161


*Gawande A. The cost conundrum. New Yorker.
http://www.newyorker.com/magazine/2009/06/01/the-cost-conundrum


Homework Assignment: Dartmouth Atlas- pick a medical treatment and examine the variation in use across the nation. Plan to discuss your findings in class.
http://www.dartmouthatlas.org/

Session 8 Changing Physician Behavior/Practice Guidelines

Reading list:
*=required for everyone


*Deyo R A. Commentary: Managing patients with back pain: putting money where our mouths are not. The spine journal. 2011;11(7):633-635. PMID:21821201


*Homework Assignment: Pick a medical condition and look up in Guideline Clearinghouse http://www.guideline.gov/ to see whether or not there are any guidelines for management. How many are there and who prepared them? Plan to discuss your findings in class.

Session 9 Implementation Research in Practice

Reading list:
*required for everyone


*Fischer M A, & Avorn J. Academic detailing can play a key role in assessing and implementing comparative effectiveness research findings. Health affairs. 2012;31(10):2206-2212. PMID: 23048098


Homework Assignment: Examine the decision aid tool http://optiongrid.org/ and choose a condition to report on in class.

Session 10 Class Presentations - Term Papers Due