

Topics in Clinical Preventive Services  
Syllabus Fall 2013  
BIOM 505

Course Faculty: Melissa Gonzales, Ph.D, Associate Professor, Internal Medicine  
Division of Epidemiology and Preventive Medicine  
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Day & Time: Thursdays, 11:00 am -12:00 pm

Location: SURGE Library, Bldg 226-UNM North Campus, unless otherwise noted

Credits: 1.0

Prerequisites: GPM/PH Residents enrolled in MSCR, or permission of instructor

Description:

Didactic sessions provide an overview of concepts dealing with the prevention of disease from the clinical perspective. This includes epidemiology, etiology, screening techniques and therapeutic approaches to mitigate morbidity associated with diseases both acute and chronic. This will be carried out by lecture and expert guest presentations supported by computer simulated case scenarios and small group discussion. The course will use **Public Health and Preventive Medicine** Maxcy-Rosenau-Last (M/R/L 2007) as a core reference, supplemented with additional guided reading.

Journal Club will develop student's ability to critically evaluate and apply the published literature to a population/community health concern. Students are introduced to methods for defining a clinical preventive question in terms of – the *population health issue, intervention, comparison and outcomes*, refining a literature search strategy using a revised PICO and Search Strategy and Come prepared to provide a synopsis of your question, search strategy and the results of your literature search (types and critical appraisal of the articles identified).

Course Objectives:

At completion of this course, students should be able to

1. Apply methods for evaluating and presenting the evidence-based literature in Clinical Preventive Medicine.
2. Critically evaluate programmatic and practice-based issues in Clinical Preventive Medicine.
3. Compare and contrast population-based versus patient-based clinical and preventive medicine.

Student Evaluation:

This course is offered as Credit/No Credit only. To earn course Credit, students must successfully meet the following expectations:

- 1) Class Participation reflecting command of main themes from readings, through class discussion and/or acquisition/sharing of materials in class
- 2) Journal Club Presentation and Participation. Regularly present and actively participate in Journal club evidence-based presentation of a clinical preventive services issue.
- 3) Examination—consisting of multiple choice and short answer questions to assess learning.

Resources:

**Public Health and Preventive Medicine**, Maxcy-Rosenau-Last,(M/R/L)15<sup>th</sup> Ed. McGraw Hill, 2007

**U.S. Preventive Services Task Force Recommendations**

- **Summary Guide (WEB and PDA versions)**  
<http://www.ahrq.gov/professionals/clinicians-providers/guidelines-recommendations/guide/abstract.html>
- **Up-to-date recommendations** [A-Z Topic Index](#)

Thursday July 11, 2013	<b><i>Ethical Principles of Practicing Population Medicine</i></b> Presenter: Halley S. Faust, MD
Thursday, September 5	<b><i>Overview of Clinical Preventive Medicine and USPSTF</i></b> Presenter: Heidi Roeber-Rice, MD
Friday, September 6 12 PM – 1 PM UNM Cancer Center	<b><i>Cancer Control in the 21st Century</i></b> Presenter: <b>Otis W. Brawley, MD</b> , American Cancer Society Read: Chapter 61 <u>Cancer</u> (M/R/L 2007)
Thursday, September 12	<b><i>Facilitating Discussions of the Preventive Med Literature</i></b> Presenters: Heidi Roeber-Rice, MD and Melissa Gonzales, PhD
Thursday, September 19	<b>Public Health Law Webinar: Anti-Bullying Laws</b> <a href="http://www.aslme.org/webinar-public-health-impact-of-statewide-anti-bullying-legislation-a-look-at-oregon-and-iowa">http://www.aslme.org/webinar-public-health-impact-of-statewide-anti-bullying-legislation-a-look-at-oregon-and-iowa</a>
Thursday, September 26, 2013	<b><i>Spirometry and Chronic Pulmonary Disease</i></b> Presenter: Akshay Sood, MD Read: Chapter 65 <u>Respiratory Disease Prevention</u> (M/R/L, 2007)
Thursday, October 3, 2013 11 AM – 12 PM Domenici	<b><i>Obstructive Sleep Apnea in the Commercial Driver</i></b> Presenter: Frank Ralls, MD Read: <i>Sleep Apnea</i> in Chapter 65 <u>Respiratory Disease Prevention</u> (M/R/L)
Thursday, October 10, 2013	<b><i>Disability</i></b> Presenter: Heidi Roeber-Rice, MD Read: Chapter 41 <u>Workers with Disabilities</u>
Thursday, October 17, 2013 11 AM – 12 PM	<b>Didactic: <i>Immunizations</i></b> Presenter: Rush Pierce, MD Read: Chapter 9 <u>Diseases Controlled Primarily by Vaccination</u>
Thursday, October 24, 2013	<b><i>Preventive Medicine in the National Parks Service</i></b> Presenter: David Wong, MD Read: Chapter 16 <u>Zoonoses</u>
Monday, October 28, 2013	<b>Division Journal Club</b> – Resident Kevin Vlahovich, MD Characterization of environmental exposure to mineral sands
Thursday, October 31, 2013	<b><i>Screening</i></b> Presenter: Richard Hoffman, MD, MPH Readings: Chapter 60 <u>Screening for Early and Asymptomatic Conditions</u>
Thursday, November 7, 2013 9 AM -10 AM 11 AM – 12 PM	<b>Journal Club</b> Resident <b><i>Injury Prevention</i></b> Presenter: Cameron Crandall, MD Read: Chapter 80 <u>Injury Control</u> and Chapter 81 <u>Violence in the family as a public health concern</u>
Thursday, November 14, 2013	<b><i>Sexually Transmitted Diseases</i></b> Presenter: James Cheek, MD Read: Chapter 10 <u>Epidemiology and Trends in STDs</u>

Thursday, November 21, 2013

**TB Control**

Presenter: Marcos Burgos, MD

Read: Tuberculosis in Chapter 12 Infections spread by close personal contact.

December 4, 2013

**Forums and Workshops**

NM Public Health Association's 10th annual Health Policy Legislative Forum

December 6, 2013

NM Department of Health Providers Workshop

Thursday, December 12, 2013

9:00-9:30 AM

9:30-10:00 AM

11 AM – 12 PM

**Journal Club** – Resident, Christian Shaw, MD

USPSTF Review – Esfhane and Bennett

**Didactic: Oral Health;** Presenter: Melissa Ravago, DDS

Thursday, December 19, 2013

10 AM – 12 PM

**Evaluation session**

Group evaluation for Clinical Preventive Services

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**Presenters to be scheduled:** Preventive Cardiology Robert DuBroff, M.D. Maternal and Child Health - Mario Pacheco, MD