FSHN 682 Topics In Nutritional Sciences  
“Diet, Cancer and Other Chronic diseases”

(Thursday, 4:30-5:45 pm, AGSCI 220)

Instructor: Dr. Sangita Sharma, Cancer Research Center of Hawaii  
Tel: 564-5845; Email: gsharma@crch.hawaii.edu; Office: 1236 Lauhala Street,  
Suite 504A, Honolulu, HI 96813  
Office hours: after class or make an appointment

Co-Instructor: Dr. Michael Dunn, HNFAS  
Tel: 956-3837; Email: mdunn@hawaii.edu; Office: 302G Agricultural Sciences  
Office hours: Wednesdays 1-3PM

Guest Lecturers: Dr. Gertraud Maskarinec, Dr. Brenda Hernandez, Dr. Beatriz Rodriguez, Dr. Suzanne Murphy, Dr. Laurence Kolonel, Dr. John S. Bertram, Dr. Ute Nothlings, Dr. Cheryl Lynn Albright, Dr. Galina Lurie, Dr. Loic Le Marchand, Dr. Songyi Park, Dr. Soo Kyung Lee, Dr. Nancy Howarth

Description: The course will consist of a series of lecture/discussions presented by researchers from the Cancer Research Center of Hawaii. The content will focus on associations between diet and chronic disease as well as methodological issues that need to be considered when reviewing such literature, for example, methods of assessing the diet. Topics will include diet and cancer (prostate, breast, pancreatic), diet and cardiovascular disease, nutrient-gene interactions and cancer, assessments of diets of ethnically diverse populations (Hawaiians, Japanese Americans, Koreans, Latinos, African Americans, Caucasians), influence of dietary carotenoids on human health: prospects for intervention, assessing dietary adequacy, adherence to the dietary recommendations and chronic disease, and obesity. Journal articles will be distributed for reading prior to each class as well as some materials on how to review nutritional epidemiological studies to help guide the discussion.

Learning outcomes: Students will enhance their abilities to read, understand, and critically evaluate research literature and will deepen their knowledge about the associations between diet and chronic diseases and the research methods used to study these relationships.

Prerequisites: Consent of the instructors

Course materials: hand-outs will be given (no text required)
Experimental “Diet and Cancer Seminar” course offered as FSHN 682 in 2004

Schedule:

Aug, 26 - Introduction by Dr. Sangita Sharma, Assistant Researcher, CRCH (CVD, Cancer)
Sep, 2 - Dr. Gertraud Maskarinec, Associate Researcher, CRCH (Breast Cancer)
Sep, 9 - Dr. Brenda Hernandez, Assistant Researcher, CRCH (Cervical Cancer)
Sep, 16 - Dr. Beatriz Rodriguez, Professor, Dept. of Public Health Sciences and Epidemiology (CVD, Diabetes)
Sep, 23 - Dr. Suzanne Murphy, Researcher, CRCH (Dietary guidelines)
Sep, 30 - Dr. Laurence Kolonel, Researcher and CRCH Deputy Director and Program Director, Cancer Etiology (Migration studies or Prostate Cancer)
Oct, 7 - Dr. John S. Bertram, Researcher, CRCH (Carotenoids-implication for health)
Oct, 14 - Dr. Ute Nothlings, Junior Researcher, CRCH (EPIC study)
Oct, 21 - Dr. Cheryl Lynn Albright, Associate Researcher (CVD)
Oct, 28 - Dr. Galina Lurie, Junior Researcher, CRCH (Gastrointestinal diseases)
Nov, 4 - Dr. Loic Le Marchand, Researcher, CRCH (Gene-environment interaction on Colorectal Cancer)
Nov, 11 - Veterans’ day holiday
Nov, 18 - Dr. Songyi Park, Junior Researcher, CRCH (Diet of Koreans and chronic disease)
Nov, 25 - Thanksgiving Day holiday
Dec, 2 - Dr. Soo Kyung Lee, Junior Researcher, CRCH & UH (Diet of American Koreans and chronic disease)
Dec, 9 - Dr. Nancy Howarth, Junior Researcher, CRCH (Obesity)
Summary by Dr. Sangita Sharma

Requirements: Attend every class, read related paper in advance and ask questions in class.

Assignments: Twice during the semester you will write one to two pages commenting on the strengths and limitations of any presentation of your choice. Due dates: 1st assignment, 4:30pm on Oct 14th; 2nd assignment, 4:30pm on Dec 9th

Evaluation of students in FSHN 682

You will be assessed in two ways:

Read carefully now if you want an A

1) The first is your participation in EVERY class. You will be given a paper one or two weeks in advance of the class and please read this carefully as I expect all of you to ask at least one question every class (one good one that is!!!) and also to comment on different aspects of the study. I will provide you with a list of points you can look for when you
Experimental “Diet and Cancer Seminar” course offered as FSHN 682 in 2004

read the paper so this will make it easier for you! The paper you will be given will be on the next week’s lecture so if you do not read the paper in advance you will not be able to follow the class as well….which means you will not be able to ask so many questions or make comments which will mean that you will not get an A.

2) Secondly, you will also be assessed on your ability to listen to the lecturer and review the paper/s. Please can you submit on the 14th October 2004 at 4.30pm one to two pages commenting on the strengths and limitations of any of the presentations/papers you have heard/read between August 26th and Oct 14th (exclusive). You can choose any class or paper that you wish….I know you will find them all incredibly interesting but I am only asking you to write on one class…any one!

I will ask you do this again for any class between Oct 14th and Dec 2 (inclusive). You must hand this second assignment in by 4.30pm on Dec 9th.

You will be graded A to F, those clearly able to discuss at least five points about both the strengths and limitations with examples from the presentation or paper will be given an A.

If you have any queries or questions then please email me so I can help you or can set up a time to meet you after class or at the Cancer Research Center of Hawaii which is located at 1236 Lauhala Street, Suite 504A, Honolulu, HI 96813.

Assignments handed in late will be given an F, unless you have a good reason! Not that the dog chewed the homework!!

**Evaluation:** 10% attendance, 40% classroom participation, 50% written assignments.

**Grading:** ≥ 90% A, 80% B, 70% C, 60% D