

Schedule of Classes (16:709:506)
A Igal, MD, PhD and SA Shapses, PhD
NUTRITIONAL ASPECTS OF DISEASE (3 credits)

TUESDAY (3:30-6PM) *	
<i>September 1</i> – Shapses – Introduction Clinical research (short overview)	
<i>September 8</i> – (Monday classes) A. Igal - Metabolic Syndrome (Sept 8 or Sept 29, as decided with class)	
<i>September 15</i> – S. Shapses 1. Osteoporosis/issues with vitamin D 2. Paper Discussion	
<i>September 22</i> – Breslin Food taste, salt and HTN 2. Paper Discussion	
<i>September 29</i> - 1. Paper Discussion 2. Paper Discussion	
Oct 6 th – J. Bogden 1. Trace Mineral Nutrition and Disease 2. Paper discussion	
* <i>October 7 (Wed)</i> – M Faith 2pm-4:15pm 1. Genes, Obesity and Behavior (2-3pm) and discussion (3:15-4:15pm)	
<i>October 13</i> – S.B. Heymsfield 1. Obesity Drug Treatment; 2. Paper Discussion ()	
Oct 20 - no class - see Oct 21	
* <i>October 21(Wed)</i> - M Cifuentes 2-4:15pm Adipocyte and Ca sensing receptor (2-3pm) and discussion (3:15-4:15pm)	
<i>October 27</i> Hans Fisher Lectureship 2-4pm (Dept lecture: all expected to attend) 4:30pm class: G.T. Wilson - Eating Disorders	
<i>November 3</i> – MID-TERM 2. Paper Discussion	
<i>November 10</i> – A. Khachadurian 1. Atherosclerosis 2. Paper discussion	
<i>November 17</i> - S. Schneider 1. Paper Discussion 2. Diabetes & Exercise (Schneider)	
<i>November 24</i> - H. Fisher 1. Alcohol and disease 2. Paper Discussion	
<i>December 1</i> – C.S. Yang 1. Cancer 2. Paper Discussion	
<i>December 8</i> - R. Ferraris 1. Intestinal and renal perturbations in calcium transport: disease implications 2. Paper Discussion ()	
<i>December 15th</i> FINAL (<i>flexibility in this date</i>)	

*Wed Seminar followed by discussion (no papers discussed; all grad students will be invited)

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Course Directors

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Class will meet on Tuesdays in Thompson Hall, room 114 with the exception of the 2 speakers for Wednesday seminar followed by graduate student discussion.

Goals and objectives

The course will focus on disease states related to nutrition and diet, with a major focus on clinical nutrition research by established investigators.

1. Acquaint students with current concepts and methods in clinical nutrition research
2. Familiarize students with clinical research and how investigators approach nutrition-related questions in their specific fields to answer questions related to disease states.
3. Recognize the role of nutrition as it relates to major diseases, including cardiovascular, diabetes, gastrointestinal, osteoporosis, obesity, and cancer.

Grading

Mid-Term	30%
Final	30%
Paper Discussion	30%
Participation	10%

Essay exams for Mid-term and final

Leading a Paper Discussion – Use 2 original articles (will be recommended by speaker, but there is flexibility on this) on topic related to disease state with the rest of the class