FN61600 SPECIAL TOPICS IN INGESTIVE BEHAVIOR
Spring Semester 2012 – The Stomach and Feeding Credits 3.0

Course Syllabus and Schedule
Thursdays 1:30-3:20 Selected Fridays 10:30-11:20 additional hours arranged
SC 114 BRNG 2280 TBA

Instructors: Richard Mattes, PhD, MPH, RD (Nutr Sci), mattes@purdue.edu, 4-0662 *
Megan McCrory, PhD (Nutr Sci), mccror@purdue.edu, 4-2631 *
Wayne Campbell, PhD, (Nutr Sci), campbellww@purdue.edu, 4-8236
Mario Ferruzzi, PhD (Food Sci), mferruzz@purdue.edu, 4-0625
Nana Gletsu-Miller, PhD (Nutr Sci), ngletsum@purdue.edu, 4-9462

*Drs Mattes and McCrory are the instructors of record and should be contacted about course administrative issues. For issues related to each specific module, please contact the module instructor.

Purposes:
(1) To explore, in depth, important and current issues in ingestive behavior
(2) To enhance critical thinking skills
(3) To acquire professional skills (e.g., organizational, interpersonal) and develop rapport with scholars in the field

Overview:
This special topics course brings four internationally-known experts to Purdue to serve as Special Lecturers on the topic of the stomach and feeding. Each Special Lecturer has supplied a reading list that includes many of their own published works. Students will critically read these papers and lead discussions of their strengths and weaknesses during the weeks prior to the visit of each Special Lecturer. The instructors will help to guide and facilitate those discussions. The goal will be to prepare the students to participate in high level interactions with the Special Lecturers when they visit campus. Students will also have opportunities (and are expected) to interact with each Special Lecturer more informally outside of class.

Performance in the course will be evaluated based primarily on the quality of students’ in-class presentations, students’ level of participation in discussions in meetings leading up to and during the seminars by each Special Lecturer, and students’ participation in hosting the Special Lecturers. The Special Lecturers and Topics for spring 2012 are:

<table>
<thead>
<tr>
<th>January 12-February 2 Model Gut Systems</th>
<th>February 9-March 2 Volumetric Role</th>
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</thead>
<tbody>
<tr>
<td>Module Instructor: Ferruzzi</td>
<td>Module Instructor: Mattes</td>
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<tr>
<td>Special Lecturer: Mark Failla, PhD, Professor</td>
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<tr>
<td>Dept of Human Nutrition</td>
<td>Special Lecturer:</td>
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<td>Associate Dean for Research, College of Education</td>
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<tr>
<td>and Human Ecology</td>
<td>Harry Peters, PhD, Research Scientist</td>
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<td>The Ohio State University</td>
<td>Unilever R&amp;D Vlaardingen, Nutrition &amp; Health</td>
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<td>Vlaardingen, The Netherlands</td>
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<tr>
<td>March 8 and March 22-April 6 Endocrine Role</td>
<td>April 12-April 27 Bariatric Implications</td>
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## Skills to be developed:
- Read and critically evaluate research articles
- Lead and contribute to discussions on the content of research articles
- Interacting with the Special Lecturers and assist the instructors in hosting Special Lecturers apart from class time

### Evaluation:

<table>
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<tr>
<th>Leading discussions</th>
<th>Points</th>
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<tbody>
<tr>
<td></td>
<td>35%</td>
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<tr>
<td>Classroom discussion (other than leading)</td>
<td>35%</td>
</tr>
<tr>
<td>Hosting Special Lecturers</td>
<td>25%</td>
</tr>
<tr>
<td>Participation during seminar</td>
<td>5%</td>
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**100%**

### Participation:

Each student will be required to lead discussions when called upon. Students will not know ahead of time whether they will be called upon and must come prepared to lead the discussion or part of the discussion (specific method will be at each module leader’s discretion). When not leading, students are expected to participate in discussions of research articles and other class material. Students are also expected to attend and ask relevant questions at the seminars at which the Special Lecturers present (see schedule for specific dates). While voluntary participation will be appreciated, instructors will call upon students for their answers/insights/opinions.

### Discussions:

The instructors will select all of the articles used in the course based on the reading lists provided by the Special Lecturers. The articles will be distributed to you in advance of the discussion period. All students will be expected to have read the articles and be prepared to lead the discussion if called upon to do so, and to discuss the article in class. You will be called upon in class to answer questions if you do not participate by contributing to the discussion on your own.

In the course of the discussions, some questions will be generated that will not be resolved. The instructors will assign students to keep a record of these questions and provide the lists to the instructors at a specified date for distribution to the class prior to each Special Lecturers’ visit. Part of each Special Lecturer’s class session will be devoted to answering these questions.
Hosting the Special Lecturers:
Students are expected to help host the Special Lecturers while they are visiting Purdue. Hosting assignments will be made prior to each Special Lecturers visit. Hosting may include, but is not limited to the following activities:
- escorting the visitor from place to place on campus
- attending group meals
- meeting individually with the visitor

Schedule and readings:
In the event of a major campus emergency, course requirements, deadlines and grading percentages are subject to changes that may be necessitated by a revised semester calendar or other circumstances beyond the instructor’s control. Ways to get information about changes in this course include first, the course web page (http://www.itap.purdue.edu/tlt/blackboard/index.cfm) or second, the instructors (see contact information above).
SCHEDULE

Model Gut Systems

January 12  Introduction to course; Class discussion
January 19  Class discussion
January 26  Class discussion
February 2   Special Lecturer: Mark Failla, PhD, Dept of Human Nutrition, The Ohio State University
             Feb 1 or 2  seminar date, time and location TBD

Volumetric Role of the Stomach in Feeding Behavior

February 9  Class discussion
February 16 Class discussion
February 23 Class discussion
March 1     Special Lecturer: Harry Peters, PhD, Unilever R&D
March 2     INP seminar 10:30am 2280 BRNG

Endocrine Role of the Stomach in Feeding Behavior

March 8  Class discussion
March 12-16 Monday – Friday, Spring Break No Class
March 22  Class discussion
March 29  Class discussion
April 5    Special Lecturer: Tim Moran, PhD, The Johns Hopkins University School of Medicine
April 6    INP seminar 10:30am 2280 BRNG

Bariatric Implications

April 12  Class discussion
April 19  Class discussion
April 26  Special Lecturer: Hans-Rudolf Berthoud, PhD, Pennington Biomedical Research Center
April 27  INP seminar 10:30am 2280 BRNG