NUTR 48800 Syllabus Fall 2012 (Aug 20)

NUTR 48800 Topics in Nutrition, Fitness and Health
Fall Semester 2012

Time: MWF 1:30-2:20 AM (Section 1; CRN 20688)
Room: 1254 Beering Hall (BRNG)

Time: MWF 8:30-9:20 AM (Section 2; CRN 53864)
Room: 101 University Hall (UNIV)

Instructor: Wayne Campbell, Ph.D.
Office: 203 Stone Hall, phone 494-8236, campbellw@purdue.edu
Office hours: By appointment.
Teaching Assistant: Tomasz (Tom) Wilmanski
email: twilmans@purdue.edu
Office hours: by appointment

Course Description:
Review of current literature on the interrelationships of diet and exercise as they relate to physiological adaptations for athletic performance and promotion of health.

Rationale:
This course is designed to provide juniors and seniors in the nutrition, fitness, and health curriculum with a review of the current literature as it relates to their major. Specific information from previous courses in separate disciplines will be integrated to study the interrelationships between nutrition and exercise and their impact on physical performance and health. Concepts combining nutritional sciences and exercise physiology will be presented, and controversies in the current literature will be discussed.

Learning Objectives:
Students who complete this course will acquire an understanding of the integration of nutrition and exercise for human health promotion, especially related to dietary macronutrients and energy, and current controversial topics in nutrition and fitness, and student-selected Special Topics. Students will gain experience with and perform the following: scientific literature searching; critical evaluation and interpretation of research; technical and scientific writing; and oral communication skills. Students will demonstrate basic competency in these areas by successfully completing 3 exams, orally presenting information in structured debate and symposium formats, and writing a manuscript based on a student-selected Emerging Science topic in nutrition, fitness, and health.

Texts and References:
A variety of health and nutrition journals will be used. In many cases, students will be required to obtain references from the internet.

Required Text: None. There will be financial costs associated with photocopying journal articles for your personal use and for distribution of articles and PowerPoint slides in conjunction with oral presentations.

***The instructor reserves the right to change the Course Schedule, Procedures and any aspect of the course.***
# NUTR 48800 Lecture Schedule, Fall Semester, 2012

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
<th>Lecturer</th>
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<tbody>
<tr>
<td>M 8/20</td>
<td>Introduction</td>
<td>Campbell</td>
</tr>
<tr>
<td>W 8/22</td>
<td>Overview: Nutrition &amp; Exercise</td>
<td>Campbell</td>
</tr>
<tr>
<td>F 8/24</td>
<td>Nutrition and Athletic Performance Discussion continued.</td>
<td>Campbell</td>
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<tr>
<td></td>
<td><strong>Preliminary Debate and Emerging Science topics due</strong></td>
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<tr>
<td>M 8/27</td>
<td>Energy Balance/Obesity</td>
<td>Campbell</td>
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<tr>
<td>W 8/29</td>
<td>Energy Balance/Obesity Discussion continued</td>
<td>Campbell</td>
</tr>
<tr>
<td>F 8/31</td>
<td>Scientific Writing and Discussion about manuscripts</td>
<td>Campbell</td>
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<tr>
<td></td>
<td><strong>Debate and Emerging Science manuscript topics finalized</strong></td>
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<tr>
<td>M 9/3</td>
<td>Labor Day – No Class</td>
<td>Campbell</td>
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<tr>
<td>W 9/5</td>
<td>Proteins</td>
<td>Campbell</td>
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<tr>
<td></td>
<td>Article TBD</td>
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<tr>
<td>F 9/7</td>
<td>Proteins</td>
<td>Campbell</td>
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<td></td>
<td>Article TBD</td>
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<tr>
<td>M 9/10</td>
<td>Carbohydrates</td>
<td>Campbell</td>
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<tr>
<td></td>
<td>Article TBD</td>
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<tr>
<td>W 9/12</td>
<td>Carbohydrates</td>
<td>Campbell</td>
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<tr>
<td></td>
<td>Article TBD</td>
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<tr>
<td>F 9/14</td>
<td>Prep for Debates</td>
<td>Campbell</td>
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<tr>
<td></td>
<td>Debate Summary Due during class.</td>
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<tr>
<td>M 9/17</td>
<td>Lipids</td>
<td>Campbell</td>
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<td>Article TBD</td>
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<td>W 9/19</td>
<td>Lipids</td>
<td>Campbell</td>
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<td></td>
<td>Article TBD</td>
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<tr>
<td>F 9/21</td>
<td>Exam 1 – Materials from 8/20 to 9/19</td>
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<tr>
<td>M 9/24</td>
<td>Debate</td>
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<tr>
<td>W 9/26</td>
<td>Debate</td>
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<tr>
<td>F 9/28</td>
<td>Debate</td>
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<tr>
<td>M 10/1</td>
<td>Debate</td>
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Quizzes:
There will be six unannounced quizzes throughout the course of the semester. The quizzes will be given at the beginning of class period and will cover the material (article, symposium topic, etc) assigned for that day. Each quiz will have 3 questions: 1 point will be given for attempting to answer all of the questions and an additional 1 point will be given for each correct answer, for a total of 4 points possible per quiz. At the end of the semester, quiz scores will be tallied, and if a student has answered all three questions correctly on at least three quizzes, 1% point will be added to their final grade.

Exams:
There will be three exams during the semester. The format of each exam will be short answer questions. Each exam will be worth 75 points. Exam 1 will cover materials
presented from Aug 20 to Sept 19. Exam 2 will cover materials presented from Oct 15 to Nov 7. Exam 3 will cover materials presented from Nov 12 to Dec 7. There is no cumulative final exam.

**Debates:** In an effort to promote interest and discussion of current topics in nutrition, fitness, and health, students will be assigned debate topics. Students will be responsible for researching their topic in depth and writing a two-page summary outlining the available scientific evidence supporting both sides of the topic. Students will be paired with a partner in advance. Each team will come to class prepared to debate both sides of the topic, and will be assigned either the affirmative or negative position on the morning of their debate. The debate format, as well as the grading guidelines, is detailed in the attached assignment instructions. Debate summaries are due **Friday, September 14**th.

**Emerging Science Manuscript and Presentation:**
The second half of the semester will be devoted to critical evaluations of current and important Emerging Science topics in nutrition, fitness, and health. Each student will work with Prof. Campbell to select an Emerging Science topic by **Friday, August 31, 2012**, and complete the following tasks:

1. Write a review of literature on the Emerging Science topic (*225 points total; 200 points content and 25 points format; 15 points deduction for each day late as of 4:00 pm on a given day, including weekends*). To prepare the manuscript, follow the Author Guidelines used for *Nutrition Reviews* ([http://www.wiley.com/bw/submit.asp?ref=0029-6643&site=1](http://www.wiley.com/bw/submit.asp?ref=0029-6643&site=1)).
2. Manuscripts may be turned in early, **Friday, October 5 by 4pm**, to receive 15 bonus points.
3. Submission of the manuscript should be made to Dr. Campbell no later than **Wednesday, October 10 by 4 PM**.
4. **EVIDENCE OF PLAGIARISM WILL RESULT IN AN “F” FOR THE MANUSCRIPT.** If there is any question about this issue, please see Prof. Campbell. Grading will be based on both content and format of the manuscript.

**Important Dates:**
- Friday, August 24. Preliminary Emerging Science topic due
- Friday, August 31. Final Emerging Science topic due
- Friday, October 5. Emerging Science manuscript early submission for bonus points (by 4PM)
- Wednesday, October 10. Emerging Science manuscript due (by 4 PM)

**Emerging Science Collaboration Groups**
As a part of preparing for the Emerging Science presentation, each student will be assigned to a collaborative group with two other students. The purpose of the group is two-fold: to help students adequately prepare for the presentation and to facilitate class discussion. Prior to each presentation the presenting student will practice in front of the group, and group will serve as an audience and give constructive feedback. In addition, the two non-presenting members of the group will serve as discussion moderators on the day of the presentation; it is their responsibility to ask questions and stimulate conversation in response to the information presented. Participation in the group is worth **26 points of the total grade**.
Potential Topics (Note: this is not an exhaustive list and other topics may be acceptable)

Nutrition, Exercise and Pregnancy
Nutrition and Child or Adolescent Athletes
Nutrition and Older Athletes
Diabetic Athletes
Behavior Modification
Special Dietary Practices (e.g., vegetarian, carbohydrate loading, low-carbohydrate diets)
Sport-Specific Nutrition
Nutritional and Exercise in Extreme Conditions
Nutrition and Exercise for Bone Health
Ergogenic aids (choose one)
Nutrition and Exercise for Elderly People: Prevention and Treatment of Sarcopenia.
Nutrition and Exercise and Disease Prevention or Treatment
Renal Disease, Muscular Dystrophy, Multiple Sclerosis, Parkinson Disease, Cancer, AIDS, Failure to Thrive (infant or elderly), Cardiovascular Disease, Hypertension, Type 1 or Type 2 Diabetes, Obesity, Under Nutrition.

Attendance: Attendance for this discussion-based class is very important. Each student is expected to come to class having read the assigned materials and prepared to discuss the topic of the day.

Grading: The total number of points earned will determine the course grades.

Exam 1 75 points
Exam 2 75 points
Exam 3 75 points
Quizzes 24 points
Debate Summary 50 points
Debate 75 points
Written Manuscript 225 points
Abstract/Symposium 100 points
Collaboration Group 26 points

Total 725 points

Grade (points)
A+, A = 674 – 725
A- = 652 – 673
B+ = 638 – 651
B = 601 – 637
B- = 580 – 600
C+ = 558 – 579
C = 529 – 557
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C- = 507 – 528
D + = 485 – 506
D  = 456 – 484
D-  = 435 – 455
F  ≤ 434

**Student Responsibilities:** Students are expected to take responsibility for their own learning and mastery of the material presented. To this end, the following points are made explicit to the student:

1) Attendance: Attendance is an important component of this course, both to achieve learning objectives and as a courtesy to fellow classmates.
2) Active participation: Students are encouraged to actively participate in the learning process. This includes attentive listening and participation in class discussions. Students are encouraged to ask questions and to actively contribute to class discussions.
3) Assigned readings: Students are advised to complete the assigned readings before class as an introduction to the topic and to facilitate discussion of the material.
4) Clarifications: Students are encouraged to clarify understanding of assignments well in advance of deadlines. Students are also encouraged to contact Prof. Campbell for help with any course-related issues.

**Course Policies:**
Students are required to follow the University Student Code of Honor and all exam procedures and policies. Please see your Student Handbook for a complete transcript of University policies. CHEATING WILL AUTOMATICALLY RESULT IN FAILURE.

If any student has a disability that requires some special accommodation, please bring it to the instructor’s attention within the first week of class. This will allow for proper discussion to appropriately accommodate the student needs.

Non-discrimination: Purdue University and this instructor do not discriminate on the basis of race, religion, color, gender, age, national origin, handicap, or disabled status.

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. You may contact Prof. Campbell by email (campbellw@purdue.edu) or phone (494-8236) to obtain information about changes in this course.

During the last two weeks of the semester, you will be provided an opportunity to evaluate this course and your instructor(s). To this end, Purdue has transitioned to online course evaluations. On Monday of the fifteenth week of classes, you will receive an official email from evaluation administrators with a link to the online evaluation site. You will have two weeks to complete this evaluation. Your participation in this evaluation is an integral part of this course. Your feedback is vital to improving education at Purdue University.
Emerging Science Manuscript Guidelines
Information from Nutrition Reviews Author Guidelines

**Nutrition Reviews®**

**Scope and Audience**
Nutrition Reviews is a highly cited, monthly, international, peer-reviewed journal that specializes in the publication of authoritative and critical literature reviews on current and emerging topics in nutrition science, food science, clinical nutrition, and nutrition policy. Readers of Nutrition Reviews include nutrition scientists, biomedical researchers, clinical and dietetic practitioners, and advanced students of nutrition.

Articles selected for publication will be consistent with the journal's mission and should clearly outline both the biological and practical nutritional implications of a timely topic, so the reader obtains a clear understanding of both the topic's nature and its relevance. The journal does not publish primary research. Unsolicited submissions written in English are welcome from all countries.

**Mission and History**
Nutrition Reviews was founded in 1942 in response to a recognized need for expert analysis and synthesis of the vast amounts of nutrition science research being generated worldwide. Today, that need is greater still and Nutrition Reviews continues to serve it with the same goal in mind: To help nutrition scientists, scholars, and practitioners stay abreast of significant developments in the field through concise and meaningful reports prepared with objectivity and a critical focus.

**Article Types**
The following article types are welcomed as submissions:

- **Lead Article**: Comprehensive review of a broad topic;
- **Special Article**: Comprehensive review focused on a niche topic, a specific aspect of a broad topic, or new methods in nutrition science;
- **Nutrition in Clinical Care**: Presentation of clinically relevant brief reviews of evidence-based information and tools to facilitate translation into clinical practice;
- **Emerging Science**: Discussion of an important current study or group of studies in nutrition research presented in the context of the larger body of research on that topic;
- **Nutrition Science ⇔ Policy**: Review of the interaction between scientific research and national and international health and nutrition policy;
- **Letter to the Editor**: Addition to the discourse regarding certain topics covered in recent issues of the journal.

Articles in the categories of Lead Articles, Special Articles, Nutrition in Clinical Care, Emerging Science, and Nutrition Science ⇔ Policy are subject to peer review. Letters to the Editor are published at the discretion of the editors.
Terms of Consideration
All manuscripts submitted to the journal must be original works of authorship that are not under simultaneous consideration elsewhere and do not infringe the intellectual property rights of any individual or organization. The final version must have been read and approved by all of the individuals named as authors. The work must present novel information that differs substantially from that presented in works published by the authors previously. Authors should attest to these terms in their cover letter.

Authorship and Originality
To qualify for authorship, individuals must meet all of the following criteria: 1) contributed significantly to the work’s conception, design, data collection (as applicable), or data interpretation and analysis; 2) participated in the writing or critical revision of the article in a manner sufficient to establish ownership of the intellectual content; and 3) read and approved the version of the manuscript being submitted.

Funding and Sponsorship
All sources of funding for the article's research, preparation, and publication should be noted in the article's Acknowledgments section under the subheading "Funding" and be acknowledged in the cover letter. The full name of the funding agency should be provided and grant numbers should be supplied. If grants or other funding were given to specific authors, the relevant individuals should be identified by their initials in parentheses.

Competing Interests
All authors are required to disclose relevant competing interests by noting them in the Acknowledgments section of the manuscript under the subheading "Declaration of Interest." Guidelines regarding what constitutes a competing interest are included in the Declaration of Interest form (available online here) that the author is required to complete and submit at the time of manuscript acceptance.

Manuscript Preparation

Cover letter. The cover letter should address the following topics: description of the work and its novelty; authorship; and originality. The description of the work should clearly indicate what novel contribution the submitted article makes to the existing literature. A statement should indicate that all listed authors meet the criteria for authorship (see Authorship and Originality entry above) and that no individual meeting these criteria has been omitted. Regarding originality, the following should be declared or, if untrue, explained: 1) the submitted article represents the original work of the authors; 2) the article is not currently under consideration elsewhere, nor has it been previously published in the same or substantially similar form; and 3) no copyright to any other work was breached in the manuscript's creation.

Manuscript format. Manuscripts should be prepared electronically using word-processing software, preferably Microsoft Word. Article pages should be formatted as double-spaced and left-justified text with 1-inch margins and 12-point type. Pages and lines must be numbered.

Length restrictions. Articles in any category must be formatted as indicated in the Manuscript format guidelines section and may not exceed 50 double-spaced pages in
length, including references and illustrative material. Each article should be a focused, concise, and objective investigation of a clearly defined topic. The option to publish certain material as "Supporting Information" in an online-only format is provided, as outlined here. Authors are encouraged to make use of this option to accommodate material that may be of interest to the reader but is not integral to the work itself. Examples would include extensive summary tables and appendices.

**Cover page.** The following information should be included on the cover page:

- **Article type.** Choose one of the article types in which the journal specializes. Editors may change this designation if they find the article is better suited to another category.

- **Title.** The title of the article should be short (200 characters or less), specific, and accurately describe the topic of the work. Abbreviations and acronyms should not be used unless they are widely recognized and generally understood, e.g. HIV, DNA. Articles and phrases such as "the use of," "the treatment of," and "a report of a case of" should be avoided.

- **Author names.** Please list the first name, middle initial(s), and last name of each author in descending order of their contributions to the article. For Emerging Science articles, the number of authors is limited to two. Individuals who provided technical or administrative support should be recognized in the Acknowledgments section.

- **Author affiliations.** The names of all authors affiliated with a particular institution should be listed directly above the affiliation. Each affiliation should include the department, institution, city, state (spelled out, if applicable), and country.

- **Corresponding author.** The name, complete mailing address, telephone and fax numbers, and e-mail address should be provided for the author responsible for correspondence.

- **Abstract.** An abstract clearly outlining the topic and primary objective of the review, methods of data sourcing and extraction, data synthesis (as applicable), and conclusions must be included with each article. The length should not exceed 170 words for Lead, Special, and Nutrition ↔ Science Policy papers or 125 words for Emerging Science and Nutrition in Clinical Care papers. Abstracts exceeding these word limits will be shortened during copyediting. References, tables, and figures should not be cited in the abstract.

- **Key words.** Between three and five key words or phrases should be provided.

**Sections and headings.** Each manuscript should contain the following sections in addition to the abstract:

- **Introduction (directly following the abstract)**

- **Conclusion (at the end of the text)**

- **Acknowledgements (after the Conclusion)**

- **Funding and sponsorship (as part of the Acknowledgments)**
• Declaration of interest (as part of the Acknowledgments)

• References (after the Acknowledgments).

Between the Introduction and Conclusion, headings and subheadings are at the discretion of the author. They should be used to organize the text and guide the reader.

**Abbreviations and acronyms.** These should only be used for terms used more than four times in the text. If that criterion is met, the term should be spelled out on first use followed by the abbreviation or acronym in parentheses. The abbreviated form should be used consistently thereafter.

**References.** The number of references cited should be tailored to the material being reviewed and be from reputable sources. As a general rule, articles in the Lead, Special, and Nutrition Science -> Policy categories do not typically include more than 200 references, while articles in the Emerging Science and Nutrition in Clinical Care categories do not typically have more than 120. References should be numbered sequentially upon first appearance in text, tables, and figures. They should be typed as superscripts and placed after commas and periods but before colons and semicolons. References cited only in figure or table legends should be numbered according to the first mention of the graphic in the text. Reference to unpublished work or personal communications should be avoided but, when essential, should be identified in the text as "unpublished data" or "personal communication from ...", not in the reference list. When citing a series of consecutive numbers, provide the first and last with a dash between them (e.g., 5-7). When referring to a group of authors in the text, the format "Smith et al. 23" should be used.

The reference list should be formatted according to AMA style. For each citation, sufficient information must be provided to allow a reader to know in what medium the material appeared and to access the information. Please list all authors if there are six or fewer; for seven or more authors, list the first three followed by "et al." Examples of AMA style are as follows:


More detailed guidance on Internet citations is provided in the recommendations of the Library of Medicine.

**Tables and illustrations.** Tables and illustrations should be numbered in the sequence in which they appear in the text. They should appear in sequence after the reference list.

**Tables.** All tables should be included in the text file after the reference list. Each table should be constructed using the table functions of the word-processing program being used. A title should appear at the top of each table. A column heading should appear in the top cell of each column. Within the table, each data set should appear in a single cell; the return key should not be used within any cell. Text should be justified to the left. Numerical data should be justified to the decimal point. Capitalization should be restricted to the first letter of the legend, the first letter in each cell, and applicable abbreviations or acronyms. Abbreviations used in the table should be spelled out in a footnote. When citing prior studies in tables please use the following format: Smith et al. (1998)21.

**Illustrations.** All artwork should be submitted in digital format in separate files saved using the following convention: surname of first author_figure number (e.g., Smith_figure 1). Figure legends should be cited in the manuscript after the reference list. Charts and graphs downloaded from the Internet are not acceptable. Line artwork (vector graphics) should be saved in Encapsulated PostScript (EPS) format and bitmap files (halftones or photographic images) in Tagged Image Format (TIFF), with a resolution of at least 300 dpi at final size. Do not send native file formats. More detailed guidance for submitting electronic artwork can be found at http://www.blackwellpublishing.com/bauthor/illustration.asp. A free tool for converting files to other formats can be located at www.zamar.com.

**Color illustrations.** Artwork submitted in color is reproduced in color online at no cost. If color reproduction is desired in the print version of the journal, a contribution of US $500 per figure is required. The color charge agreement can be found here.

**Illustration permissions.** If a table or figure is a reproduction or adaptation of a previously published work, written permission to reproduce or adapt the material must be obtained from the copyright holder prior to submission, and the source of the material must be cited either in a footnote to the table or in the figure legend. When requesting permission, rights to worldwide distribution in both print and electronic formats must be secured. The permissions grant must be included with the original submission. This requirement also applies to material published as Supporting Information.

**Language editing.** If English is not the authors' native language, it is recommended that the article be edited prior to submission by a qualified English-language editor with knowledge of the subject matter. This is at the discretion and expense of the author, but compliance often helps ensure that the article's message is correctly understood by the journal's editors and reviewers. Manuscripts that require extensive editing or rewriting at the time of submission may be returned to authors without review.

**Procedures**

**Manuscript Processing**

**Manuscript submission.** Manuscripts should be submitted online at http://mc.manuscriptcentral.com/nutr-rev. There is no charge for submission. Full
instructions and support are available on the site (please click here for instructions) and a user ID and password can be obtained on the first visit. Support can be contacted by phone (1-434-817-2040) or at http://mcv3support.custhelp.com. If you cannot submit online, please contact the Editorial Office by e-mail (nutritionreviews@ilsi.org).

**Use of iThenticate.** Nutrition Reviews uses iThenticate software to determine the level of similarity between text in submitted articles and in articles published previously. Every manuscript received for consideration is run through this software directly following submission. Results are evaluated by the journal’s editors and included in deliberations about the manuscript’s suitability for publication. To learn more about this software, please visit http://www.ithenticate.com/.

**Review process.** Manuscripts are peer-reviewed promptly after submission, and are usually published within 12 months of acceptance. Authors may be asked to revise their manuscript to address any concerns raised during the review process. Authors may check the progress of their manuscript by logging in to the Manuscript Central site.

**Copyright assignment.** Authors are required to assign copyright of the article to ILSI at the time of manuscript acceptance by completing and submitting the Copyright Assignment Form (available online here) United States federal government employees are exempt from this requirement but are asked to check the appropriate box on the form before signing it.

**Copyediting and proofs.** Manuscripts accepted for publication are edited for clarity of content, consistency, and style prior to publication. Following copyediting and typesetting, formatted proofs are sent to the authors via e-mail for final approval. Authors should check the proofs promptly and carefully to answer any queries posed by the copyeditor and to ensure the text is complete and that all tables and figures are included and properly cited. Complete instructions are sent out with the proofs.

**Offprints.** Authors may order offprints at cost price at the time page proofs are received. Following publication, one gratis PDF of the article is provided to the corresponding author. Authors must register for Author Services at authorservices.wiley.com in order to receive this PDF offprint.

**Ethics and Misconduct**

Nutrition Reviews is a member of the Committee on Publication Ethics and consults the guidelines of that organization as well as the International Committee of Medical Journal Editors, the World Association of Medical Editors, and Wiley-Blackwell’s Best Practice Guidelines on Publication Ethics when handling allegations of misconduct.

All authors are obliged to ensure their manuscripts reflect the highest standards of scientific and ethical integrity. Evidence of possible scientific or ethical misconduct related to manuscripts submitted for review or published in Nutrition Reviews will be investigated for the purpose of determining the appropriate editorial course of action.

**Online Open Procedures**

OnlineOpen is available to authors who wish to make their article available to non-subscribers on publication, or whose funding agency requires grantees to archive the final version of their article. With OnlineOpen, the author, the author’s funding agency, or the author’s institution pays a fee to ensure that the article is made available to non-subscribers upon publication via Wiley Online Library, as well as deposited in the funding agency’s preferred archive. For the full list of terms and conditions, see Online Open Terms.
Any authors wishing to send their paper OnlineOpen will be required to complete the payment form available online at https://authorservices.wiley.com/bauthor/onlineopen_order.asp.

Prior to acceptance there is no requirement to inform the Editorial Office that you intend to publish your paper OnlineOpen if you do not wish to. All OnlineOpen articles are treated in the same way as any other article. They go through the journal's standard peer-review process and will be accepted or rejected based on their own merit.

**Note to NIH Grantees**
Pursuant to NIH mandate, Wiley-Blackwell will post the accepted version of contributions authored by NIH grant-holders to PubMedCentral upon acceptance. This accepted version will be made publicly available 12 months after publication. For further information, see www.wiley.com/go/nihmandate.

Revised July 2012
NUTR 48800 Nutrition, Fitness and Health
Emerging Science Manuscript.

Student Name: _________________________________ Date: __________

Manuscript Title: _________________________________________________

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<th>Manuscript Format (25 points)</th>
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<td>Also include total word count for Introduction, Body of Text, and Conclusions.  <strong>2500 word maximum for Intro, Text, and Conclusions combined.</strong></td>
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<td>References, style, format, and number (8 pt)</td>
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<td>Minimum 10 primary research articles, no more than 2 websites</td>
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<td>Conclusions (25 points)</td>
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Total points (225 points possible)  ______
NUTR 48800 Nutrition, Fitness and Health: Emerging Science Symposium Presentation.

Student Name: _________________________________ Date: __________

Topic: ________________________________________

Points

Review Article given to Dr. Campbell two weeks before presentation (5 pts):
On time (5 pts) Late (2 pts) Absent (0 pts) ______

Abstract (5 points): Length, ease of reading, style, appropriate conclusions ______

List of References (5 pts):

Presentation (55 pts)
30-minute length (5 pts) Time ______
≥ or ≤ 5 minutes off (-3 pts); ≥ or ≤ 10 minutes off (-5 pts)

Introduction (5 pts): Clear description of goals of presentation
Clear presentation of concepts to be examined ______

Body of Information (35 pts): Displays adequate knowledge of subject
Quality explanation of data
Quality presentation of essential concepts ______

Conclusions/Clinical Applications (10 pts) Integration of knowledge
Practical applications ______

Discussion (15 pts) Skills of answering questions
Demonstration of breadth of knowledge re: topic ______

Presentation skills (15 pts) Effective use of visual aids
Concise, logical, enthusiastic manner
Voice audible and understandable
Body movements during presentation ______

Total pts (100 points possible) ______
Emerging Science Symposium Group Responsibilities & Contract

As a part of preparing for the Emerging Science presentation, each student will be assigned to a collaborative group with two other students. The purpose of the group is two-fold: to help students adequately prepare for the presentation and to facilitate class discussion. Prior to each presentation the presenting student will practice in front of the group, and group will serve as an audience and give constructive feedback. In addition, the two non-presenting members of the group will serve as discussion moderators on the day of the presentation; it is their responsibility to ask questions and stimulate conversation in response to the information presented. Participation in the group is worth 26 points of the total grade.

Symposium Preparation Activities: Describe how the group helped prepare for the presentation. Include a list of dates the group met to practice each presentation. By signing below, you attest to the accuracy of this information. Please turn in this contract on the day of each presentation.

Student’s Names   Signature    Date
__________________________ ___________________________ _________
__________________________ ___________________________ _________
__________________________ ___________________________ _________

Participation Points

<table>
<thead>
<tr>
<th>Name</th>
<th>Points for Prep Time</th>
<th>Points for Discussion</th>
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NUTR 48800 Fall 2012
Debate Summary Evaluation Form

Student’s Name ________________________________ Date ___________

Topic _______________________________________

Information:

A. Topic of Debate

B. History of topic & Point of contention: 5 pts _______

C. Affirmative: 10 pts _______

D. Negative: 10 pts _______

E. Your recommendation: 5 pts _______

F. Use of Scientific Evidence (Facts/Statistics): 10 pts _______

G. Organization & Clarity: 5 pts _______

H. References: 5 pts _______

Total 50 pts _______

Note: Format your summary using these sections (A-E) as the outline. This will make it easier to grade because the requested information will be in the appropriate section.
Debate Structure

I. Affirmative Position: 5 min

II. Negative Position: 5 min

III. Work Period: 2 min

IV. Affirmative Rebuttal & Cross Examination: 7 min

V. Negative Rebuttal & Cross Examination: 7 min

VI. Work Period: 2 min

VII. Affirmative Closing Response: 3 min

VIII. Negative Closing Response: 3 min

IX. Class Questions & Discussion 10 min

Total 44 min
NUTR 48800 Fall 2012
Debate Evaluation Form

Date ___________________
Student’s Names ____________________________________________

Topic ______________________________________________

Information:
Organization & Clarity: 5 pts _______
Information: 8 pts _______
Understanding of Topic: 10 pts _______
Rebuttal: 10 pts _______
Use of Facts/Statistics: 10 pts _______
Presentation Style: 5 pts _______
Respect for other team: 2 pts _______

Total 50 pts _______

Note: each student in the group will be assigned the same grade for this presentation.
Debate Topic Identification Form

Turn in to Prof. Campbell by Friday, August 24, 2012.

Name: ______________________________

Please list any new or controversial topics that you would like to research and debate.

Topic 1: ______________________________

Topic 2: ______________________________

Topic 3: ______________________________