Dates: Debate 1 will be on Thursday March 13; Debate 2 will be on Thursday April 3.

Debate guidelines

Each student is required to propose or oppose one of the motions below regardless of their personal beliefs about the validity of the motion. Proponents will be required to argue in support of the motion for 10 minutes, while opponents will argue against the motion for 10 minutes. Subsequently, there will be 5 minutes for questions and the motion will be voted on by the audience. Where a motion has a proposer and no opposer or vice versa, the rest of the class will refute the arguments of the proposer/opposer.

Students will be provided with a few pertinent references for each of the motions, but your arguments on the motion should not necessarily be restricted to these. You should consider broad issues relating to the motion and you may be able to develop additional arguments from the literature and from discussions with colleagues and other faculty.

A two page, word-processed summary should be submitted by the opposer and proposer on the day of the debate. In addition, proposers/opposers of motions should use a 10 minute (maximum) power point presentation (containing statements, pictures, tables or figures as appropriate) to make their arguments.

Students who are not participating in the debate are required to choose one journal paper for each of the motions on a specific day and provide a one page summary. This should include the title and authors, objective, main results and conclusions as well as at least two questions for the ‘presenter’ of the motion. The summaries will be collected at the beginning of the debate.

Motions for Debate 1
a. Beef should only be produced from ‘grass fed’ cattle because the resulting human health and environmental benefits outweigh benefits of grain-fed feeding systems.
b. In vivo digestibility experiments should be banned and replaced by in vitro experiments

Motions for Debate 2
c. Near infrared reflectance spectroscopy results are not direct measurements, therefore they should never be trusted
d. Tannins are underexploited, useful agents for improving animal production.
Grading scheme

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<th>Characteristics evaluated</th>
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<td>Summary of other debates</td>
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References:
(If you are proposing / opposing a motion, you can use any of the references listed under your motion to develop your arguments. The choice of the number of references to use is yours. You may also choose to consult other sources. If you will be in the audience, you should review at least one journal article for each of the motions for that day.)

1. **Beef should only be produced from ‘grass fed’ cattle because the resulting human health and environmental benefits outweigh benefits of grain-fed feeding systems.**
      http://www.time.com/time/magazine/article/0,9171,1200759,00.htm

2. **In vivo digestibility experiments should be banned and replaced by in vitro experiments**

3. Near infrared reflectance spectroscopy results are not direct measurements, therefore they should never be trusted
a. NIR Feed and Forage Analysis: http://www.weldlabs.com/nir.html


4. **Tannins are underexploited, useful agents for improving animal production.**


### ANS6542 Debate

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