

## FNH 490 004 Module III

### Assignment 4 – Individual Proposal

Propose a product or food science strategy to address nutrient deficiency in a developing country or region. This proposal will be shared in class (March 7 2011) **and** posted as a comment on the Assignment #4 page (<http://blogs.ubc.ca/fnh490/assignments/assignment-4/>) by March 8 2011 at 6 pm.

Some examples of possible proposal ideas are as follows:

- creating a novel emergency food product
- changing or improving an already existent product in terms of its cultural appropriateness, nutrient bioavailability, economical efficiency, etc.
- suggesting an improved food or water processing technique

Each student will share their brief, point-form individual proposal (100 to 250 words) with the class in five minutes or less (due to limited class time, this time limit will be strictly enforced). Each proposal will be peer-evaluated based on the inclusion of the following information, which constitutes 80% of the total grade:

- identification of the region targeted (/10)
- identification of the target population (/10)
- adherence to the 5 minute time limit (/5)
- adherence to word constraints (/5) (note: this criterion will not be peer-evaluated)
- posting of proposal on blog by specified time (/5) (note: this criterion will not be peer-evaluated)
- identification of specific nutrient deficiency being addressed and the chemical forms of nutrients used (as applicable); explanation of basic recipe/formulation or process steps involved (/45)

If a student has researched beyond the above criteria, he/she may be awarded up to an additional 20 marks (note: all of the above criteria must be addressed in order to be considered for the additional 20 marks). Some examples of additional factors you may wish to consider are as follows:

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|--|----------------------------------|
| - cultural appropriateness for target region | - economic feasibility           |
| - local resources available                  | - shelf life & product stability |
| - local economical issues                    | - nutrient interactions          |
| - local political factors                    | - suitable packaging             |