**Application for Predoctoral Support from the**

**Molecular and Applied Nutrition Training Program (MANTP) T32**

* Description of your thesis Research Program (1 page (single spaced) **to be prepared by the student**) for the PhD.

This should be modeled after the Specific Aims page for an NIH RO1 type proposal and thus should include information on the background and significance of the proposed research,you're your work sits in the context of the field, the specific aims of the research project and a clear indication as to how your findings will move your field forward if accomplished.

* List fellowships or other financial support while at UW-Madison
* Current Academic Progress; Courses you have taken and your grades.
* Plans for taking required and elective Courses (or if done - what you took)
* Date for taking the research preliminary examination(s) (or date(s) you took them)
* List of any Publications (provide pdfs) and Presentations (local/national)
* Your IDP (individual development plan) if you have prepared one.
* Detailed and specific answers to the training plan questions starting on the next page.

**Training Plan for MANTP Predoctoral Applicants**

**NIH Description of Training Plan for Fellowship Recipients:** Describe the research training plan that you and your mentor have developed specifically for your career development. Include items such as classes, seminars, and opportunities for interaction with other groups and scientists. Describe the research environment and available research facilities and equipment. Indicate the relationship of the proposed research training to the applicant’s career goals. Describe the skills and techniques the applicant will learn. Relate these to the applicant’s career goals.

The questions below from the MANTP Executive Committee are aimed to identify how your training plan integrates with your career goal and what aspects of your training goes beyond that of a typical student. The training plan should be prepared in consultation with your mentor. MANTP trainees will be required to present the final training plan to their thesis advisory committee before their next annual meeting in order to obtain additional input. MANTP trainees will also be expected to integrate their training plan with the action plan described in their individual development plan (IDP).

**Questions for the Predoctoral Candidates:**

1. Briefly describe your career goal.

2. Describe any unique aspects of the training environment in your mentor’s research program that you feel the committee should be aware of.

3. What plans do you have to work with (collaborate) other research groups as part of your thesis research. Provide details on how this directly impacts the planning and execution of your thesis research.

4. Are there research techniques/approaches that you plan to learn by spending time in another lab or techniques focused courses offered on- or off-campus that you plan to, or would like to, take? Describe briefly.

5. How often do you have group meetings with other members of your research group and also formal individual meetings with your mentor about research?

6. How often do you present your research findings to others outside your own laboratory or research group? If you do this – provide brief details. If you plan to do so – explain.

7. What local, national or international research meetings or conferences might you attend in the next 2 to 3 years and what are your plans about presenting your research at these venues.

8. Provide a list of classes you have taken and what additional classes you plan to take to complete your formal coursework

9. What activities do you plan to improve your written communication skills during your PhD training. Be specific.

10. What activities do you plan to improve your oral communication skills during your PhD training. Be specific.

11. Describe any plans you have for improving your teaching skills.

12. What plans do you have to obtain mentoring experience?

13. What plans do you have for training in research ethics, or in preparing chemical and biological safety and human subjects protocols?

14. During the last 2 years of PhD training what will you do to prepare yourself for the next stage in your career?

15. Are they any other aspects of your doctoral training that you would like to make the committee aware of?