

## Annual Report on Program Student Learning Outcomes Assessment

### Program: **MS in Nutrition and Metabolism**

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1. List the learning outcomes for the program (if you are new to program assessment, you might want to begin with 3-5 primary outcomes):
  - Demonstrate basic knowledge of the fields of nutrition and metabolism:
    - a. Understand the key research approaches used in the nutrition field (basic, clinical, population levels).
    - b. Understand the scientific basis of establishing nutrient requirements
    - c. Demonstrate ability to access relevant scientific literature and synthesize existing knowledge in nutrition and metabolism with new research information.
    - d. Understand the molecular, cellular, biochemical, physiological and behavioral mechanisms that influence nutrient utilization, food intake and energy balance
    - e. Understand the mechanistic connections of nutrient status to health and disease.
    - f. Demonstrate the ability to critically evaluate research designs, results, and create new ones for novel questions
    - g. Regularly read the scientific literature to remain aware of the latest developments in the field of nutrition and metabolism
    - h. Demonstrate ability to effectively contribute to field through collaborative research, teaching, outreach and/or mentoring activities.
  - Demonstrate Professional Skills:
    - i. Develop effective presentation and writing skills to effectively convey your knowledge of the field of nutrition and metabolism.
    - j. Demonstrate commitment to one's own professional development through continuing learning provided by scientific societies such as the American Nutrition Society, among others
    - k. Demonstrate ability to receive and provide constructive feedback to peers and co-workers.