1. Articulates, critiques, and elaborates the theories, research methods, and approaches to inquiry in nutrition and metabolism. Specific knowledge areas of focus include intermediary metabolism, functions and metabolism of vitamins and minerals, nutrition-related diseases such as obesity and diabetes, and fundamental principles of epidemiology and nutrition policy.

2. Identifies sources and assembles evidence pertaining to questions or challenges in nutrition and metabolism.

3. Selects and/or utilizes the most appropriate methodologies and practices.

4. Evaluates or synthesizes information pertaining to questions or challenges in nutrition and metabolism.

5. Communicates clearly in ways appropriate to the field of nutrition and metabolism. This includes the composition of primary research and review articles. Demonstrates competent communication in the form of oral and poster presentations.

6. Recognizes and applies principles of ethical and professional conduct.