# Annual Academic Assessment Report

## (MS/POULTRY SCIENCE)

## (MAY 15, 2024)

**Report annually to the Dean of the college/school the following:**

**Results of analysis of assessment of Student Learning Outcome**

**Assessment 1:** Students will obtain a depth of information in one or more selected areas of poultry science or related disciplines including; poultry health, immunology, genetics, molecular biology, nutrition, parasitology, physiology, food safety/microbiology, poultry product technology, and poultry enterprise operations.

**Measure 1: Coursework grades.** 100% of completing students earned an average of B or better in overall coursework (GPA > 3.0)

**Measure 2a: Written thesis.** 100% of students met or exceeded expectations per rubric (below) with average scores of 2.3 out of 3.

**Measure 2b: Oral communication (defense).** 100% of students met or exceeded expectations per rubric (below) with average scores of 2.5 out of 3. 100% of students passed thesis defense.

**Measure 3: Exit interview.**
**Table 1.  Graduate student Exit Survey:  Student Self-Assessment of Core Competencies**

| Competence Area | Spring 2024 |
|---|---|
| Technical Competency | 5 |
| Environmental Awareness | 5 |
| Ethical Responsibility | 5 |
| Leadership Ability | 5 |
| Oral Communication | 4.5 |
| Written Communication | 5 |
| Critical Thinking / Problem Solving | 4.5 |
| Basic / Applied Research Understanding | 4.5 |
| Creativity | 4.5 |
| Writing / Presenting Scientific Information | 4.5 |

Scale:   1=does not meet expectations, 2=needs improvement, 3=meets expectations
4=above average, 5=exceeds expectations

Self-assessment by recent graduates receiving a M.S. in Poultry Science from our department ranked their competency in these 10 interpersonal or communication skills between "above average" and "exceeds expectations" ratings.

**Any changes to degree/certificate planned or made on the basis of the assessment and analysis**
No changes to report at this time

**Any changes to the assessment process made or planned**
No changes at this time.

**Student's Graduate Program:**

**Thesis/Dissertation ORAL DEFENSE** _____

**Rubric – Completed by:** _____    **Date:** _____

*(To be completed by each committee member & reader.   Please check each evaluation criteria that you feel are appropriate within each attribute category)*

| Attribute for ORAL | Does Not Meet Expectations<br>*Provide a short explanation for each attribute That you select in this category.* | Meets Expectations | Exceeds Expectations |
|---|---|---|---|
| Overall quality of presentation | ___Poorly organized<br>___Poor presentation<br>___Poor communication skills<br>___Slides and handouts difficult to read | ___Clearly organized<br>___Clear presentation<br>___Good communication skills<br>___ Slides and handouts clear | ___Well organized<br>___Professional presentation<br>___Excellent communication skills<br>___Slides and handouts outstanding |
| Overall breadth of knowledge | ___Presentation unacceptable<br>___Presentation reveals critical weakness In depth of knowledge in subject matter<br>___Presentation does not reflect well developed critical thinking skills<br><br>___Presentation is narrow in scope<br><br>___No application to Poultry Science | ___Presentation acceptable<br>___Presentation reveals some depth of knowledge in subject matter<br><br>___Presentation reveals above average critical thinking skills<br><br>___Presentation reveals the the draw from knowledge in several disciplines<br>___Application to Poultry Science evident | ___ Presentation superior<br>___ Presentation reveals exceptional depth of subject knowledge<br><br>___ Presentation reveals well developed critical thinking skills<br><br>___ Presentation reveals the ability to interconnect and extend know-ledge from multiple disciplines<br>___ Presentation shows clear appli-cation to Poultry Science |
| Quality of response to questions | ___Responses are incomplete or required prompting<br>___Arguments are poorly presented<br>___Respondent exhibits lack of knowledge in subject area<br>___Responses do not meet level expected of degree program of graduate (MS or PhD)<br>___Student does not realize the connection of research to poultry science | ___Responses are complete<br><br>___Arguments are well organized<br>___Respondent exhibits adequate knowledge in subject area<br>___Responses meet level expected of degree program of graduate (MS or PhD)<br>___Student adequately connects research to poultry science | ___Responses are eloquent<br><br>___Arguments are skillfully presented<br>___Respondent exhibits superior knowledge in subject area<br>___Responses exceed level expected of degree program of graduate (MS or PhD)<br>___Student is able to discuss in depth the connection of thesis research to poultry science |
| Overall assessment | ___Does not meet expectations | ___Meets Expectations | ___Exceeds Expectations |

Confidential Comments:

# Student's Graduate Program:

**Thesis/Dissertation Written Material** _____

**Rubric – Completed by:** _____     **Date:** _____

*(To be completed by each committee member & reader.   Please check each evaluation criteria that you feel are appropriate within each attribute category)*

| Attribute for WRITTEN | Does Not Meet Expectations `Provide a short explanation for each attribute that you select in this category | Meets Expectations | Exceeds Expectations |
|---|---|---|---|
| **Overall quality of science** | ___Arguments are incorrect, incoherent, or flawed<br>___Objectives are poorly defined<br>___Demonstrated rudimentary critical thinking skills<br>___Does not reflect understanding of Subject matter and associated literature<br>___Demonstrates poor understanding of theoretical<br>___Demonstrates limited originality<br>___Displays limited creativity and insight | ___Arguments are coherent and clear<br>___Objectives are clear<br>___Demonstrates average critical thinking skills<br>___Reflects understanding of theoretical concepts<br>___Demonstrates understanding of theoretical concepts<br>___Demonstrates originality<br>___Displays creativity and insight | ___Arguments are superior<br>___Objectives are well defined<br>___Exhibits mature, critical thinking skills<br>___Exhibits mastery of subject matter and associated literature<br>___Demonstrates mastery of theoretical concepts<br>___Demonstrates exceptional originality<br>___Displays exceptional creativity and insight |
| **Contribution to discipline** | ___Limited evidence of discovery<br>___Limited expansion upon previous research<br>___Limited theoretical or applied significance<br>___Limited publication impact | ___Some evidence of discovery<br>___Builds upon previous research<br>___Reasonable theoretical or applied significance<br>___Reasonable publication impact | ___Exceptional evidence of discovery<br>___Greatly extends previous research<br>___Exceptional theoretical or applied significance<br>___Exceptional publication impact |
| **Experimental design imple-mentation and interpretation** | ___Duplication of previous work. Design/approach not appropriate<br><br>___Data interpretation is inappropriate and/or uses incorrect methodology;<br><br>___Identifies no weakness in interpretation<br><br>___Demonstrates a lack of ability to articulate a critical response in one's own work or that of other research in the field | ___Design/approach moderately moderately appropriate or innovative<br>___Data interpretation is appropriate and uses limited number of correct methodology;<br>___Identifies some weaknesses in interpretation<br>___Demonstrates a limited ability to articulate a critical response in in one's own work or that of other research in the field | ___Design/approach appropriate of innovative<br><br>___Data interpretation is appropriate and creatively uses correct methodology;<br><br>___Identifies weaknesses in interpretation;<br><br>___Demonstrates an advanced ability articulate a critical response to one's own work or that of other research in the field |
| **Quality of writing** | ___Writing is weak<br>___Numerous grammatical and spelling errors<br>___Organization is poor<br>___Documentation is poor | ___Writing is adequate<br>___Some grammatical and spelling errors apparent<br>___Organization is logical<br>___Documentation is adequate | ___Writing is publication quality<br>___No grammatical or spelling errors apparent<br>___Organization is excellent<br>___Documentation is excellent |
| **Overall assessment** | ___Does not meet expectations | ___Meets Expectations | ___Exceeds Expectations |
| **Confidential Comments:** | | | |