

# Annual Academic Assessment Report

(PhD/POULTRY SCIENCE)

(May 15, 2025)

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: Qualifying Exam.** No data to report.

**Measure 2a: Written dissertation.** 100% of students met or exceeded expectations per rubric (below) for written communication (average score 2.7 out of 3)

**Measure 2b: Oral communication (defense).** 100% of students met or exceeded expectations per rubric (below) for oral communication (average score 2.6 out of 3). 100% of students successfully passed defense.

**Measure 3: Exit interview.**

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

Competence Area	Spring 2024
Technical Competency	4.6
Environmental Awareness	4.6
Ethical Responsibility	4.8
Leadership Ability	4.8
Oral Communication	4.6
Written Communication	4.4
Critical Thinking / Problem Solving	4.6
Basic / Applied Research Understanding	4.6
Creativity	4.2
Writing / Presenting Scientific Information	4.2

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 Ph.D. in Poultry Science from our department ranked their competency in these 10 interpersonal or communication skills “above average”.

**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 <i>Provide a short explanation for each attribute That you select in this category.</i>	Meets Expectations	Exceeds Expectations
Overall quality of presentation	<input type="checkbox"/> Poorly organized <input type="checkbox"/> Poor presentation <input type="checkbox"/> Poor communication skills <input type="checkbox"/> Slides and handouts difficult to read	<input type="checkbox"/> Clearly organized <input type="checkbox"/> Clear presentation <input type="checkbox"/> Good communication skills <input type="checkbox"/> Slides and handouts clear	<input type="checkbox"/> Well organized <input type="checkbox"/> Professional presentation <input type="checkbox"/> Excellent communication skills <input type="checkbox"/> Slides and handouts outstanding
Overall breadth of knowledge	<input type="checkbox"/> Presentation unacceptable <input type="checkbox"/> Presentation reveals critical weakness In depth of knowledge in subject matter <input type="checkbox"/> Presentation does not reflect well developed critical thinking skills  <input type="checkbox"/> Presentation is narrow in scope  <input type="checkbox"/> No application to Poultry Science	<input type="checkbox"/> Presentation acceptable <input type="checkbox"/> Presentation reveals some depth of knowledge in subject matter  <input type="checkbox"/> Presentation reveals above average critical thinking skills  <input type="checkbox"/> Presentation reveals the the draw from knowledge in several disciplines <input type="checkbox"/> Application to Poultry Science evident	<input type="checkbox"/> Presentation superior <input type="checkbox"/> Presentation reveals exceptional depth of subject knowledge  <input type="checkbox"/> Presentation reveals well developed critical thinking skills  <input type="checkbox"/> Presentation reveals the ability to interconnect and extend know- ledge from multiple disciplines <input type="checkbox"/> Presentation shows clear appli- cation to Poultry Science
Quality of response to questions	<input type="checkbox"/> Responses are incomplete or required prompting <input type="checkbox"/> Arguments are poorly presented <input type="checkbox"/> Respondent exhibits lack of knowledge in subject area <input type="checkbox"/> Responses do not meet level expected of degree program of graduate (MS or PhD) <input type="checkbox"/> Student does not realize the connection of research to poultry science	<input type="checkbox"/> Responses are complete  <input type="checkbox"/> Arguments are well organized <input type="checkbox"/> Respondent exhibits adequate knowledge in subject area <input type="checkbox"/> Responses meet level expected of degree program of graduate (MS or PhD) <input type="checkbox"/> Student adequately connects research to poultry science	<input type="checkbox"/> Responses are eloquent  <input type="checkbox"/> Arguments are skillfully presented <input type="checkbox"/> Respondent exhibits superior knowledge in subject area <input type="checkbox"/> Responses exceed level expected of degree program of graduate (MS or PhD) <input type="checkbox"/> Student is able to discuss in depth the connection of thesis research to poultry science
Overall assessment	<input type="checkbox"/> Does not meet expectations	<input type="checkbox"/> Meets Expectations	<input type="checkbox"/> 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 <i>Provide a short explanation for each attribute that you select in this category</i>	Meets Expectations	Exceeds Expectations
<b>Overall quality of science</b>	<input type="checkbox"/> Arguments are incorrect, incoherent, or flawed <input type="checkbox"/> Objectives are poorly defined <input type="checkbox"/> Demonstrated rudimentary critical thinking skills <input type="checkbox"/> Does not reflect understanding of Subject matter and associated literature <input type="checkbox"/> Demonstrates poor understanding of theoretical <input type="checkbox"/> Demonstrates limited originality <input type="checkbox"/> Displays limited creativity and insight	<input type="checkbox"/> Arguments are coherent and clear  <input type="checkbox"/> Objectives are clear <input type="checkbox"/> Demonstrates average critical thinking skills <input type="checkbox"/> Reflects understanding of theoretical concepts <input type="checkbox"/> Demonstrates understanding of theoretical concepts <input type="checkbox"/> Demonstrates originality <input type="checkbox"/> Displays creativity and insight	<input type="checkbox"/> Arguments are superior  <input type="checkbox"/> Objectives are well defined <input type="checkbox"/> Exhibits mature, critical thinking skills  <input type="checkbox"/> Exhibits mastery of subject matter and associated literature <input type="checkbox"/> Demonstrates mastery of theoretical concepts <input type="checkbox"/> Demonstrates exceptional originality <input type="checkbox"/> Displays exceptional creativity and insight
<b>Contribution to discipline</b>	<input type="checkbox"/> Limited evidence of discovery <input type="checkbox"/> Limited expansion upon previous research <input type="checkbox"/> Limited theoretical or applied significance <input type="checkbox"/> Limited publication impact	<input type="checkbox"/> Some evidence of discovery <input type="checkbox"/> Builds upon previous research <input type="checkbox"/> Reasonable theoretical or applied significance <input type="checkbox"/> Reasonable publication impact	<input type="checkbox"/> Exceptional evidence of discovery <input type="checkbox"/> Greatly extends previous research <input type="checkbox"/> Exceptional theoretical or applied significance <input type="checkbox"/> Exceptional publication impact
<b>Experimental design implementation and interpretation</b>	<input type="checkbox"/> Duplication of previous work. Design/approach not appropriate  <input type="checkbox"/> Data interpretation is inappropriate and/or uses incorrect methodology;  <input type="checkbox"/> Identifies no weakness in interpretation  <input type="checkbox"/> Demonstrates a lack of ability to articulate a critical response in one's own work or that of other research in the field	<input type="checkbox"/> Design/approach moderately moderately appropriate or innovative <input type="checkbox"/> Data interpretation is appropriate and uses limited number of correct methodology; <input type="checkbox"/> Identifies some weaknesses in interpretation <input type="checkbox"/> Demonstrates a limited ability to articulate a critical response in in one's own work or that of other research in the field	<input type="checkbox"/> Design/approach appropriate of innovative  <input type="checkbox"/> Data interpretation is appropriate and creatively uses correct methodology;  <input type="checkbox"/> Identifies weaknesses in interpretation;  <input type="checkbox"/> Demonstrates an advanced ability articulate a critical response to one's own work or that of other research in the field
<b>Quality of writing</b>	<input type="checkbox"/> Writing is weak <input type="checkbox"/> Numerous grammatical and spelling errors <input type="checkbox"/> Organization is poor <input type="checkbox"/> Documentation is poor	<input type="checkbox"/> Writing is adequate <input type="checkbox"/> Some grammatical and spelling errors apparent <input type="checkbox"/> Organization is logical <input type="checkbox"/> Documentation is adequate	<input type="checkbox"/> Writing is publication quality <input type="checkbox"/> No grammatical or spelling errors apparent <input type="checkbox"/> Organization is excellent <input type="checkbox"/> Documentation is excellent
<b>Overall assessment</b>	<input type="checkbox"/> Does not meet expectations	<input type="checkbox"/> Meets Expectations	<input type="checkbox"/> Exceeds Expectations
<b>Confidential Comments:</b>			