

A&P Graduate Program

DOCUMENT #2. Graduate Student Performance Assessment

Approved: Oct 2008

Revised: February 2014

Evaluation Period: January 1, _____ to December 31, _____ Assessment Year: _____

Degree: PhD or MS

This document is to be completed and reviewed by student and advisor.

STUDENT:

Advisor:

Program SLO 1: Ability to formulate research questions, design and conduct appropriate experiments, analyze and interpret data.

Assessment	SKILL LEVEL					Meets Expectations	Failed Expectations	Not Applicable
	Excellent (5)	(4)	(3)	Basic (2)	Absent (1)			
<ul style="list-style-type: none"> • Able to apply the scientific method to test ideas/hypotheses; • Familiar with a variety of research designs/ experimental methods; • Able to identify the various sources of experimental error; • Able to determine the appropriate sample size to address an experimental question 								
<ul style="list-style-type: none"> • Familiar with ethical guidelines and institutional policies relevant to research conduct, laboratory safety, animal experimentation, & human subjects 								
<ul style="list-style-type: none"> • Able to record, analyze and interpret data using appropriate statistical methods; • Able to identify appropriate experimental controls; • Able to evaluate the strength of a particular experimental design; • Able to identify the next experiment to support/validate or extend a hypothesis 								

Program SLO 2: Professional and technical expertise in chosen discipline.

Assessment	SKILL LEVEL					Meets Expectations	Failed Expectations	Not Applicable
	Excellent (5)	(4)	(3)	Basic (2)	Absent (1)			
• Handling of course work appropriate to professional goals								
• Familiarity with literature relevant to research focus								
• Skills with computers and laboratory instrumentation, including information storage/retrieval and software applications								
• Working within professional organizations and societies								
• Awareness of contemporary issues in physiology								
• Awareness of career opportunities								

Program SLO 3: Critical thinking, problem solving and interpretation of information

Assessment	SKILL LEVEL					Meets Expectations	Failed Expectations	Not Applicable
	Excellent (5)	(4)	(3)	Basic (2)	Absent (1)			
• Able to identify and conceptualize problems by troubleshooting and to draft solutions								
• Able to brainstorm in a group								
• Able to integrate, evaluate and consolidate information from different sources								
• Able to access technology and to apply it appropriately								
• Participation in journal clubs								
• Participation in departmental seminars								
• Able to analyze processes by reductionist and /or synthetic approach								
• Able to identify strengths/ weakness in scientific papers, seminars and grants								

Program SLO 4: Effective use of oral and written communication skills

Assessment	SKILL LEVEL					Meets Expectations	Failed Expectations	Not Applicable
	Excellent (5)	(4)	(3)	Basic (2)	Absent (1)			
<ul style="list-style-type: none"> Speaking skills: Able to organize ideas and convey complex knowledge in an audience-appropriate and venue-appropriate fashion and answer questions effectively 								
<ul style="list-style-type: none"> Writing skills: Able to write at multiple levels (abstract to full-length manuscripts) 								
<ul style="list-style-type: none"> Able to edit and proof-read manuscripts and to supply constructive comments and to respond to constructive criticism 								
<ul style="list-style-type: none"> Familiar with processes related to publication in scientific journals 								
<ul style="list-style-type: none"> Familiar with processes related to drafting and revising grant proposals 								

General comments by ADVISOR:

Signature - ADVISOR

Date

Signature - Student

Date