

Department of Biology Graduate Student Assessment

Date

Student

Year of study 1 2 3 4 5

Advisor

I hope to be able to defend my thesis in _____ (month) of _____ (year)

Please list any of the following that apply during the previous 12 months:

Meeting(s) attended (talk or poster?):

Papers published:

Courses taken (grades):

Courses TA'd (or taught):

Students Supervised:

During the past year, the biggest advance in my research project was:

During the past year, the biggest set back in my research project was:

During the upcoming year, the highest priority for my research project is:

What are your current career goals? Have they changed in the past year?

If you plan to do a post doc, which field and which labs are you considering?

What have you done in the past year to advance your career goals?

For the next sections of the Assessment, the Student and Advisor will each rate the accuracy of statements made concerning the student's knowledge, skills and abilities on the following scale in the subjects of Lab Work, Research Project, Communication, Scientific an Career Development and Student/Advisor Relationship.

5 4 3 2 1
 Strongly Agree Agree Neither Disagree Strongly Disagree

Lab Work

The student...	Student	Advisor
Is adept at designing well-controlled experiments that clearly address the questions at hand.		
Understands the scientific basis and background for lab techniques used.		
Is capable of identifying and learning new protocols.		
Conducts experiments carefully and obtains high-quality data.		
Accurately records and catalogs experimental results (notebook and electronic files).		
Analyzes and presents data in a thoughtful and clear manner.		
Conducts lab work following all safety regulations.		
Positively engages with other lab members, is willing to teach, provide feedback and help.		
Allocates credit to others/shares credit where appropriate.		
Maintains a respectful awareness of the boundaries of other lab mate's projects, and addresses any potential areas of overlap as soon as they are anticipated.		
Participates in helping to maintain and improve the lab as a whole (e.g. lab duties).		
Maintains a respectful and professional working relationship with lab support staff such as technicians and administrators.		
Is a good mentor for assigned technicians, graduate, undergraduate or high school students.		

Additional comments

From the student:

From the advisor:

5 4 3 2 1
 Strongly Agree Agree Neither Disagree Strongly Disagree

Research Project

The student...	Student	Advisor
Takes "ownership" of the project, including experimental design and direction.		
Sets achievable goals by prioritizing experiments and maximizing effective use of resources.		
Understands big picture implications as well as finer details of their project.		
Seeks out and absorbs current literature pertaining to the project.		
Is able to focus, effectively manage stress and meet deadlines.		
Is fully committed to progress in their project (effort, attitude, drive).		

Additional comments

From the student:

From the advisor:

5 4 3 2 1
 Strongly Agree Agree Neither Disagree Strongly Disagree

Communication

The student...	Student	Advisor
Can design and organize an effective scientific presentation.		
Clearly and successfully presents their work to an audience of fellow scientist(s).		
Clearly and successfully presents their work to an audience of non-scientist(s).		
Can organize and clearly prepare their work in written form.		
Is able to follow procedures for writing for research papers and grants.		
Is a good mentor/teacher to others in the lab; provides appropriate learning experiences and leadership.		
Is a good TA/teacher in the classroom (if applicable); provides guidance and direction to students.		
Is able to <u>accept</u> constructive feedback with a positive attitude.		
Is able to <u>provide</u> constructive criticism with a positive attitude.		
Incorporates appropriate suggestions/information from progress reports, committee meetings and/or reviewers into their work.		
Works well with those outside of the student's lab (e.g. collaborators).		
Successfully networks with others inside and outside of their chosen field.		
Attends and contributes to departmental events and the CMDB program		

Additional comments

From the student:

From the advisor:

5 4 3 2 1
 Strongly Agree Agree Neither Disagree Strongly Disagree

Scientific and Career Development

The student...	Student	Advisor
Reads the scientific literature, both within and outside of their specific field.		
Is able to accurately critique scientific literature and presentations.		
Attends seminars and progress reports and is broadly interested in science.		
Has taken advantage of course opportunities to advance their knowledge.		
Attends and engages at scientific conferences in their field.		
Is actively working to improve in areas that have been previously considered weaknesses.		
Has made progress toward deciding what their future career goals are.		
Is gaining any necessary experience outside of the lab to forward their future career goals.		

Additional comments

From the student:

From the advisor:

5 4 3 2 1
 Strongly Agree Agree Neither Disagree Strongly Disagree

Advisor/Student Relationship

	Student	Advisor
There are adequate opportunities for meetings between the Student and Advisor.		
The Advisor is well-prepared for meetings with the student, and has reviewed necessary materials in advance of the meeting.		
There is good communication between the Student and the Advisor.		
The student receives adequate mentorship from their Advisor.		
If the Advisor observes unsatisfactory behavior/performance from the Student, the issue is addressed in a constructive and timely manner.		
The Student communicates their concerns in a professional and timely manner.		
The Advisor adequately addresses student concerns.		
The Advisor provides positive feedback and incentive to encourage the Student.		
The Student is encouraged to contribute to the larger goals of the lab.		
The Student is a well-respected member of the scientific team.		

Additional comments

From the student:

From the advisor:

Any additional comments regarding any aspect of the student's work or experience in the lab or Department which has not previously been divulged.

From the student:

From the advisor:

We certify that we have met to discuss the above statements, including areas where we agree and disagree.

This document is not meant to be used as a measure for grading. It is a guide of reference to assist in the development of the student and the relationship of the student and advisor.

Student

Advisor

Date

Date