

Program Evaluation

We evaluate how effective our academic majors are in providing students with the skills and knowledge they need to be successful in careers related to that discipline. Site supervisors are particularly helpful in our efforts to improve programs. Below is an assessment rubric for the academic major of your student intern. Using the intern's abilities and knowledge as a guide, please circle the level that you feel reflects PMC's success in reaching the goals listed. Your input is appreciated and meaningful. Thank you.

Biology Major Assessment Rubric for Senior Internship Site Supervisors

The curriculum of the Biology Department at Pine Manor aims to accomplish these educational goals for students:

- A mastery of the content of the core and elective courses. Numerous assessment tools are used to determine the content learned in specific courses, and the internships are also a measure of this knowledge.
- The ability to write in the language of science, through specific writing assignments: short and long papers, laboratory write-ups, and internships
- An understanding of the methodology of science research through lecture material and laboratory experiments, reading research literature, internships
- Ability to access research literature and analyze the validity of these materials, by specific library research assignment, and research papers, and internships
- Ability to think and reason quantitatively, through data analysis in lecture and laboratory exercises, and internships

All of our seniors are required to complete an internship. We hope that this experience serves to help students practice some of what they have learned, while they continue to grow and learn. Therefore, the internship offers us the opportunity to assess how our curriculum goals are being met. To help us to improve our program, we ask that you assess the student's abilities (where it is applicable), by circling the best choice on the rubric on the accompanying pages.

If possible, please cite specific examples to support your evaluation. If any of the knowledge sets or skills do not apply, please indicate this by marking the "NA" cell on the rubric. In addition, if your site requires skills or knowledge that does not fall into these general categories, please indicate what these skills or knowledge would be, and how you would assess the intern.

This information is valuable to us, and we thank you for taking the time to evaluate our student.

Biology Program Goals Assessment

Goal	Skill Level				
	Beginning	Developing	Competent	Accomplished	Not applicable
Mastery of course content (substantive knowledge relevant to the site)	Shows inaccurate basic knowledge of concepts and specific information	Demonstrates correct knowledge of principles but lacks specifics	Shows accurate knowledge and the ability to recognize it in context	Demonstrates precise knowledge and abilities to recognize and problem-solve	
Ability to write using the scientific language of the internship	Appears unfamiliar with scientific writing	Is unfamiliar with the general language of science, but learns to read, understand and write	Can read and write adequately in the general language	Excellent reading and interpretation of the language; excellent scientific writing skills	
Knowledge of methodology as practiced and used in internship	Uninformed about the methodology/science at the site	Knowledge of the methods and techniques of science, but little experience in actual use	Knowledge and some use of methodology/science	Knowledge of science and experienced in the use of the methodology	
Ability to access and understand the literature used at the site	Uninformed about the literature	Knowledge of general access tools, but little ability to do so	Knowledge of access tools, and some ability to use	Immediate knowledge of the tools and ability to access	
Ability to think and reason quantitatively	Shows difficulty with quantitative issues	Shows some knowledge but shows minimal quantitative ability	Shows knowledge and adequate ability	Demonstrates excellent quantitative reasoning	

Are these learning objectives appropriate for your site or professional area?

What other skills and knowledge do you seek in interns or new employees?

Please return the form to the Faculty Sponsor