

**DEPARTMENT OF BIOMEDICAL SCIENCES  
ANNUAL GRADUATE STUDENT SELF-ASSESSMENT**

This form must be completed, reviewed by the student's committee or committee chair, and returned to the graduate director on or before the start of fall semester. All portions of the self-assessment must be returned before registering for Fall semester. *Please fill out all sections using enough detail so that a third party reviewer can understand your responses, citing specific examples when applicable.*

*The purpose of this self-assessment is to: 1) Introduce students to the process of annual self-assessment, which is required by most professions. 2) Help the students to continuously improve over their years of graduate school. 3) Provide information to the student's committee on student progress 4) Provide information for improvement of the Graduate Program. 5) Provide information for annual assessment of the Graduate Program as required by the University.*

Student Information:	Date: _____
Name:	_____
Signature:	_____
Current Degree Program (check one):	<input type="checkbox"/> MS <span style="margin-left: 150px;"><input type="checkbox"/> PhD</span>
Year admitted to current degree program:	_____
Cumulative GPA (graduate studies):	_____ Based on _____ Credit hrs
Date of latest Individual Development Plan (IDP):	_____
Date of last faculty advisory committee meeting:	_____
Anticipated date of completion:	_____

**Courses completed this academic year**

**Publications** (Author(s) (Year) Title, Journal, Volume, Page Numbers):

**Poster Presentations** (Authors(s) (Year) Title, Venue, City, State):

**Oral Presentations** (Author(s), (Date) Title, Venue, City, State):

**Society/Organization memberships** (Society/Organization Name, Role in the society/organization):

**Fellowship Applications** (Principle Investigator, Funding Agency, Title, Funding Status):

**Graduate Teaching Assignment(s)** (Course number (Semester) Course Title, Enrollment, (hrs/week):



**PhD Program Goals and Objectives (Check those objectives accomplished)**

Objective covered	Objective	Description
<b>Goal 1: Students will become professionals who possess a foundational knowledge of the biomedical sciences and are capable of applying that knowledge in scholarly endeavors as self-directed, life-long learners.</b>		
	1.1	Students will demonstrate breadth of knowledge in the biomedical sciences to form a solid basis for scholarly inquiry and flexibility in their career path.
	1.2	Students will demonstrate depth and integration of knowledge in specific subject areas of their choice to support their research and to allow them to make meaningful contributions that advance the discipline.
	1.3	Students will demonstrate skills in managing information and searching the biomedical literature and data repositories using appropriate technology.
	1.4	Students will remain current in their knowledge of major scientific developments and apply this knowledge to multi-disciplinary problems.
<b>Goal 2: Students will become professionals who demonstrate intellectual curiosity and the ability to conduct meaningful scholarly inquiry.</b>		
	2.1	Students will demonstrate the ability to develop clearly stated meaningful hypotheses and research questions that lead to scientific investigation in areas relevant to the biomedical sciences.
	2.2	Students will demonstrate the ability to select, design, and implement experimental approaches to rigorously test their hypotheses.
	2.3	Students will demonstrate the ability to appropriately and accurately record and to analyze data with the degree of rigor expected by the scientific community.
	2.4	Students will demonstrate the ability to reach scientifically sound conclusions by integrating their data with existing knowledge and by critical evaluation of their results.
	2.5	Students will disseminate their findings through peer-reviewed publications and other means that advance knowledge in their discipline.
<b>Goal 3: Students will master communication skills necessary to convey the results of their scholarly work.</b>		
	3.1	Students will demonstrate the ability to present their research clearly, concisely, and accurately in both oral and written form to experts in the field and to the general scientific community.
	3.2	Students will demonstrate the ability to effectively communicate their scholarly work to a lay audience in a way that illustrates the accomplishments and importance of scientific research.
<b>Goal 4: Students will gain experience in education and mentorship.</b>		
	4.1	Students will demonstrate the ability to teach biomedical science to a precollege, undergraduate, graduate, or health professional audience.
	4.2	Students will demonstrate the ability to provide formative and summative feedback that encourages, assesses, and improves learning.
	4.3	Students will demonstrate the principles of effective mentorship.
<b>Goal 5: Students will recognize and abide by professional and ethical standards and participate in service to their institution, the scientific community, and society in general.</b>		
	5.1	Students will demonstrate the ability to establish rapport with colleagues and peers that encourages a team-based mindset toward the accomplishment of departmental and institutional goals.
	5.2	Students will demonstrate the ability to articulate and abide by the standards of ethical behavior and responsible conduct in research.
	5.3	Students will demonstrate the ability to articulate and abide by the acceptable standards of conduct in the teacher-learner relationship.
	5.4	Students will engage in ongoing service to the department, the school, the university, the profession, and the community.

**MS Program Goals and Objectives (Check those objectives accomplished)**

Objective Covered	Objective	Description
<b>Goal 1: Students will possess and be capable of applying knowledge in biomedical sciences related to their field of study.</b>		
	1.1	Students will demonstrate a breadth of knowledge in the biomedical sciences to support scholarly inquiry and flexibility in their career path.
	1.2	Students will demonstrate a depth of knowledge in elected subject areas through scholarly contribution to their field of study.
	1.3	Students will demonstrate skills in the use of technology to manage information.
	1.4	Students will demonstrate the ability to use primary literature and other resources to support their scholarly efforts.
<b>Goal 2: Students will demonstrate the ability to understand, develop, and apply multiple approaches to test ideas using the scientific method.</b>		
	2.1	Students will be able to apply the scientific method to conduct a scholarly investigation.
	2.2	Students will demonstrate an ability to formulate questions and generate hypotheses in response to new and unfamiliar problems.
	2.3	Students will demonstrate an ability to implement experimental approaches that have been appropriately chosen to test their hypotheses.
	2.4	Students will demonstrate the ability to appropriately and accurately collect, record, and analyze research data.
	2.5	Students will demonstrate the ability to reach scientifically sound conclusions based on current knowledge within their field of study.
<b>Goal 3: Students will master communication skills necessary to convey the results of their scholarly work.</b>		
	3.1	Students will demonstrate the ability to present their research clearly, concisely, and accurately in both oral and written form to experts in the field and to the general scientific community.
	3.2	Students will demonstrate the ability to effectively communicate their scholarly work to a lay audience in a way that illustrates the accomplishments and importance of scientific research.
<b>Goal 4: Students will recognize and abide by professional and ethical standards and participate in service to their institution, the scientific community, and society in general.</b>		
	4.1	Students will demonstrate the ability to establish rapport with colleagues and peers that encourages a team-based mindset toward the accomplishment of departmental and institutional goals.
	4.2	Students will demonstrate the ability to articulate and abide by the standards of ethical behavior and responsible conduct in research.
	4.3	Students will demonstrate the ability to articulate and abide by the acceptable standards of conduct in the teacher-learner relationship.
	4.4	Students will engage in ongoing service to the Department, the School, the University, the profession, and the community.