

Survey for students that advanced to graduate school

We are trying to identify what motivates a student to go to graduate school in science fields and how much and which of the experiences at our institution contributed to that decision.

1. What will your educational status be next September:

- a. Master's Program student at UPR Mayaguez
- b. Master's Program student (NOT at UPRM)
- c. PhD student
- d. MD/Ph.D student
- e. Other: _____

2. If not at this institution, where? _____

3. What will be your field of study or project title in graduate school? _____

4. At this institution you were:

- a. An undergraduate student
- b. Master's program student
- c. (Both) First undergraduate and then Master's student

5. What were your **career goals** as a freshman?

- a. Wanted to go to Medical School/ Pharmacy/ Dentistry/ Veterinary School
- b. Wanted to pursue a Ph.D.
- c. Wanted to pursue a Masters (MS)
- d. Wanted to pursue an MD/Ph.D
- e. Other (Specify) _____
- f. Undecided

6. When did you decide you wanted to pursue graduate studies?

- a. High School
- b. Freshman college year
- c. Sophomore (2nd) year
- d. Junior (3rd) year
- e. Senior year (4th or more) year
- f. Other _____

7. Which of the following motivated you to pursue graduate studies? (**Mark all that apply**)

- a. Parents
- b. Childhood experiences
- c. High school teacher
- d. RUM classroom experiences (lectures and labs)
- e. Research experience at this institution
- f. Other research experiences
- g. Conference or seminar
- h. Coaching or mentoring from:
- i. Other _____

8. Which of the following experiences contributed to your decision of going to graduate school?

Activities	Mark all those that contributed to your decision to pursue graduate school
Participating in the research project at this institution	
Research presentation at Departmental Symposium	
Off campus presentations of your research.	
Participation in research workshop as a freshman or sophomore	
Participation in other research projects	
Classroom experiences (lecture and/or lab)	
Other extracurricular experiences (ex. teachers, professors, associations, conference. (Explain)	

Did the research experience make you change or reinforce your career plans? No Yes Explain:

9. My participation in the research experience:	Strongly agree	Agree	Disagree
Built my confidence as a researcher			
Developed my critical thinking and problem solving skills			
Taught me up to date research tools and techniques			
Made me an independent researcher			
Developed my mentoring skills			
Developed my team work skills (working with others to solve a problem)			
Developed my quantitative reasoning skills			
Allowed me to network with others			
Taught me effective literature search skills			
Allowed me to better understand scientific articles			
Made me aware of what it is to be a graduate student and have a research career			
Motivated me to search for other research experiences			
Motivated me to pursue a Ph.D. or MD/Ph.D. in the future			
Prepared me for a graduate career in science			

10. How was the **research experience** and **research team** different to other research teams and experiences you have worked in (example: summer program, graduate school)?

11. What could we at **Name and Department of the Institution** have done to ease your transition and better prepare you for graduate school?

Any other comment regarding the research experience?
