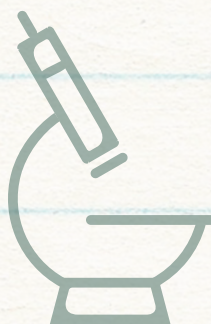


Training researchers

The Universidad del Rosario has undertaken to consolidate its character as an institution where excellence in teaching is reinforced through the strengthening of research capacities. It is making a significant effort to promote a university ecosystem that supports the generation of knowledge and its application to curricula, course design, and the classroom. This innovative and dynamic initiative is complemented by specific strategies for research training that help students apply the knowledge they have acquired and propose innovative solutions to problems in their academic specialties.

SCIENTIFIC STUDY PATH



From undergraduate study to Ph.D. programs, young people with scientific interests and talent can work with individual researchers as well as research groups and projects in the different academic units.

This initiative provides two advantages that go beyond the institutional interests of the University:

- **Intergenerational succession** provides the country with young researchers who generate, adopt, and appropriate scientific knowledge.
- **Young researchers learn by doing:** The University applies research methods with a pedagogical component that gives students opportunities to contribute to scientific progress by assisting in research projects.

THREE DIFFERENT STAGES OF TRAINING IN LINE WITH LEVELS OF COMPETENCY

1

RESEARCH INCUBATORS

Training spaces principally intended for undergraduate students, where they can work in areas of common interest that allow them to experience research practices firsthand while they acquire skills and aptitudes for scientific research.

2012

2

2016

50

Number of research incubators

Number of students working in research incubators in 2016



32

School of Management and Business



223

Faculty of Political Science, Government, and International Relations



20

Faculty of Natural Sciences and Mathematics



165

School of Human Sciences



208

School of Medicine and Health Sciences



26

Faculty of Economics



103

Faculty of Jurisprudence



2

YOUNG RESEARCHERS

By integrating this stage of training into Master's programs, we provide students with opportunities to collaborate with existing research groups or with professors' strategic research programs.

Representative comments by young researchers regarding the program

Source: Jaramillo- Salazar, H., Lucio-Arias, D; Peláez Sierra, S. (2017). Determinants of productivity of young researchers: case study of the Faculty of Economics at the Universidad del Rosario. Working paper.

- In 2000, the Faculty of Economics implemented its own young researchers program for Master's students in Economics. A total of 112 young people have benefited from this program through their collaboration with the Faculty's own research group.



3

GRADUATE ASSISTANTS

Doctoral study is an important step in the training of researchers. At this stage, they acquire the ability to form hypotheses, apply different research methodologies to the design of scientific studies, read the existing literature critically, and write scientific articles and grant applications. **Opportunities for participation as graduate assistants are oriented toward students in the University's doctoral programs.**

