

**TITU MAIORESCU UNIVERSITY OF BUCHAREST**



# **RESEARCH STRATEGY**

## **FOR THE PERIOD 2012-2016**

### **(EXECUTIVE SUMMARY)**

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**BUCHAREST, 2012**

The strategy of TMU in Research, Development and Innovation (RDI) for the period 2012-2016 is based on the role of science, technology and innovation in the development of the knowledge society in Romania for economic and social progress.

Given the increased role of research in higher education, with effects becoming more and more important, including direct funding of research projects, requires a coherent strategy at the level of the Institute of Research, Development and Innovation *Titu Maiorescu* (ISRDI), based on the following principles:

- Compliance with legal provisions of the National Education Law No. 1/2011 and University Charter;
- Encouraging the participation in the scientific conferences;
- Encouraging scientific research activities carried out by young teachers and publication of research results in prestigious scientific journals and publishers;
- Honesty and equity in the assessment of scientific performance;
- Efficiency in the conduct of the research and scientific achievement of performance indicators.

## OBJECTIVES

In order to achieve the strategic objectives, TMU, by the ISRDI and the centers and research teams of the faculties, will consider the following specific objectives for the performance in scientific research:

- Achieving scientific excellence results, reflected in the increasing number of articles in publications from the mainstream knowledge;
- increasing contribution to the achievement of patents by the researchers within TMU;
- Increasing the number of full-time researchers, while reducing the average age of researchers under 40 years;
- Providing every year a large number of doctoral scholarships;
- Increasing the attractiveness of research careers by providing access and career development for those who perform;
- Increasing access to research infrastructure performance by stimulating the development of laboratories with multiple users;
- increasing the visibility of research from TMU;
- Developing of collaborations and partnerships with other universities, businesses, companies and non-governmental organizations in business, government and research;
- Developing of public-private partnerships in science and technology by creating competence centers and specialized interfaces between supply and demand of RDI;
- Reducing the fragmentation of research in the university system by stimulating cooperation and participation in projects to ensure critical mass and valuable results;
- Transforming TMU in an entity of knowledge and increasing its ability to collaborate with other universities and with big companies;
- Better representation of TMU through its experts in RDI institutions and representative bodies at European and national level.

## ACTIVITIES

### 1. Fundamental research

- production of publications and research projects included in research plans of the faculties;
- preparing courses and textbooks;
- development of research projects by faculty teaching staff with attracting undergraduate, postgraduate and PhD students,

### 2. Developing interdisciplinary research projects and publishing the research outcomes in the frame scientific events and their publications

- Developing the website [www.cercetareuniversitara.ro](http://www.cercetareuniversitara.ro) , in which there is Advanced Research Journal;
- Organizing schools of advanced studies;
- developing of research projects as coordinator or partner institution in the operational programs launched by national research authorities;

### 3. Increasing the visibility of scientific research activities within TMU

- placing the performance indicators from research in the grid for assessing teachers;
- organization of workshops, congresses, conferences, master, seminars, roundtables;
- participation in scientific meetings organized by other universities in the country and abroad;
- developing the website [www.cercetareuniversitara.ro](http://www.cercetareuniversitara.ro);
- internationalization of the university library;
- developing collaborative framework agreements, partnership agreements and exchanges;

### 4. The materialization of the results of partnerships

- realization of invention and innovation;
- relationship with business environment in related fields with those of the university;
- making a database within [www.cercetareuniversitara.ro](http://www.cercetareuniversitara.ro) site, including requests from the business works and offers from TMU.