

Postgraduate Certificate

Funding of Research Projects



Postgraduate Certificate Funding of Research Projects

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

Website: www.techtitute.com/us/medicine/postgraduate-certificate/funding-research-projects

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01

Introduction

Undoubtedly, investment in R&D&I is the most demanded in the scientific field. And the fact is that the financing of studies opens up many debates associated with politics. In this sense, medical research projects are supported by grants from public entities, funding from foundations and organizations, and tax incentives. Not being enough, new technologies have opened a range of possibilities through Digital Fundraising and Crowdfunding. Digital Fundraising and Crowdfunding. To this end, networking will be fundamental, but also the search for opportunities carried out by the person in charge of the project. For this reason, TECH has developed a complete qualification in order to perfect the skills of the specialists. This is a 100% online program with which you will also be able to update your knowledge in collaboration and networking in a guaranteed way.



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Are you going to be left at the tail end of the update in online crowdlending calls? Enroll now and improve your skills in the field of Research Project Funding”

Since ancient times, business opportunities have come from the social ties that entrepreneurs have relied on. Today, networking is a tool that helps to expand these networks of contacts and develop collaborative projects. This is another strategy for obtaining funding and carrying out research, also in medicine. It is essential to attract organizations that are committed to the company's own project, because at the scientific level, in-house investment is not enough. For this reason, professionals involved in this sector must also know how to promote their interests and must be aware of state and regional, as well as international, aid.

For this reason, TECH has developed a degree designed for medical graduates and other professionals interested in research in this field, in order to update and expand their skills in the financing of scientific projects. It is a program designed by experts in Medical Research, who have extensive work experience and reliable knowledge in real experience that have been overturned in the agenda of this Postgraduate Certificate. In addition, TECH has incorporated into the program 150 hours of audiovisual content in various formats that will bring you closer to the digital paradigm also in positioning and economic support. Thanks to this, the specialist will be able to delve into aspects such as the definition of a plan for participation in international consortia and international scientific lobbies, among many other collaboration strategies.

All this, in a 100% online format and with a universal accessibility that allows students to study from anywhere, without depending on pre-set schedules or travel. At the same time, the program will be guided by professionals who have worked for years in this scientific field and who will update the knowledge of the professionals with guarantees. In addition, they will be able to access the Online Campus, adapting the program to their availability and to their personal and work needs.

This **Postgraduate Certificate in Funding of Research Projects** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ◆ The development of case studies presented by experts in Medical Research
- ◆ The graphic, schematic, and practical contents with which they are created, provide scientific and practical information on the disciplines that are essential for professional practice
- ◆ Practical exercises where self-assessment can be used to improve learning
- ◆ Its special emphasis on innovative methodologies
- ◆ Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- ◆ Content that is accessible from any fixed or portable device with an Internet connection



If you're looking to delve into collaborative calls for proposals with the United States, this program is perfect for you"

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A 100% online program that will allow you to enter the specific European calls following the study from anywhere and with a schedule adapted to your availability”

The program's teaching staff includes professionals from the sector who contribute their work experience to this educational program, as well as renowned specialists from leading societies and prestigious universities.

Its multimedia content, developed with the latest educational technology, will provide the professional with situated and contextual learning, i.e., a simulated environment that will provide an immersive education programmed to learn in real situations.

The design of this program focuses on Problem-Based Learning, by means of which the professional must try to solve the different professional practice situations that are presented throughout the academic course. For this purpose, the student will be assisted by an innovative interactive video system created by renowned experts.

Do you want to focus your career on the keys to the success of your research projects? This is the apprenticeship you were looking for. Enroll now and stay in line with the Online update.

You will be among the cutting-edge professionals at the forefront of international consortia engagement strategies with TECH's expertise.



02 Objectives

This program has been designed with the aim of providing the medical specialist with detailed knowledge of the latest developments in the assessment and treatment of Sources of Financing. That is why TECH has selected the most exhaustive and innovative information, extracted from the knowledge of experts in the area of the highest quality Medical Research. In addition, students will be provided with state-of-the-art teaching technology, which will help them to keep up to date with the latest developments guaranteed.



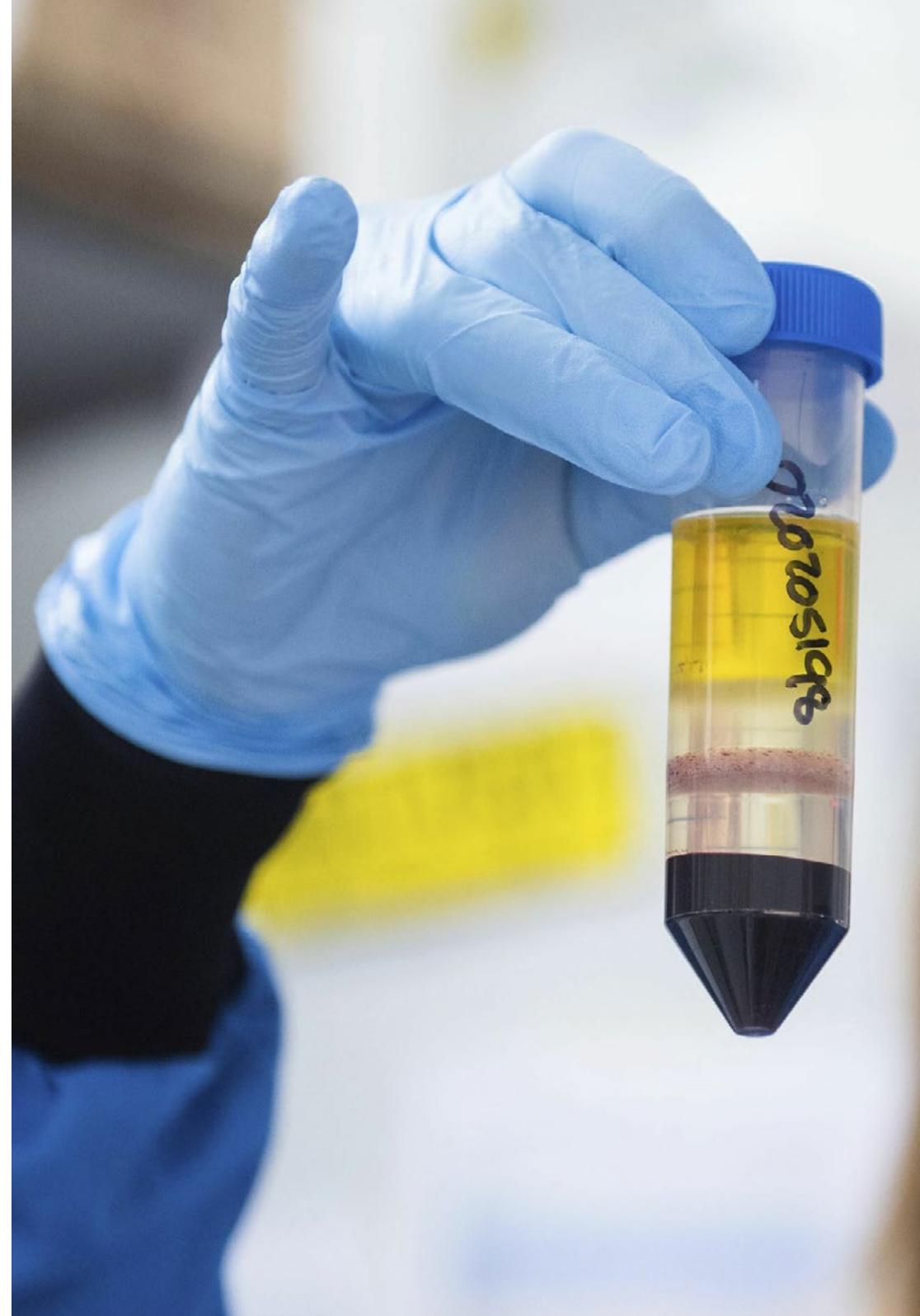
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Achieve your goal now, get up to date in the search for funding opportunities thanks to TECH”



General Objectives

- ◆ Understand the appropriate approach to a question or problem to be solved
- ◆ Assess the state of the art of the problem through literature search
- ◆ Assess the feasibility of the potential project
- ◆ Study the drafting of a project in accordance with the different calls for proposals
- ◆ Examine the search for funding
- ◆ Master the necessary data analysis tools
- ◆ Write scientific articles (papers) for the daily magazines
- ◆ Generate posters relevant to the topics addressed
- ◆ Know the tools for dissemination to the non-specialized public
- ◆ Delve into data protection
- ◆ Understand the transfer of knowledge generated to industry or the clinic
- ◆ Examine the current use of artificial intelligence and massive data analysis
- ◆ Study examples of successful projects





Specific Objectives

- ◆ Have an in-depth knowledge of the sources of funding
- ◆ In-depth knowledge of the different calls for proposals
- ◆ Prepare a quote to know the total price of the research



A perfect program with which you will investigate specific calls such as Horizon 2020 Projects, Human Resources Mobility and the Madame Curie Program”



03

Course Management

TECH has called on a group of experts with extensive professional experience to develop the contents of this Postgraduate Certificate and to teach the students. It is a team of specialists versed in the area and characterized by their human quality. In this way, the professional will not only have theoretical knowledge, but also the advice of the teachers on real situations in the field of action. In turn, students will be able to contact them through a direct communication channel through the Online Campus to solve all their questions.



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Enroll now and enjoy the guidance of experts versed in all phases of Medical Research projects and get the keys to funding in this field”

Management



Dr. López-Collazo, Eduardo

- ♦ Scientific Deputy Director in the Institute for Health Research the Health Research Institute of La Paz University Hospital
- ♦ Head of the Department of Immune Response and Infectious Diseases at IdiPAZ
- ♦ Head of the Department of Immune Response, Tumors and Immunology at IdiPAZ
- ♦ President of the IdiPAZ Research Commission
- ♦ Sponsor of the External Scientific Committee of the Murcian Institute of Health Research
- ♦ Member of the Scientific Commission of FIDE
- ♦ Editor of the international scientific journal Mediators of Inflammation
- ♦ Editor of the international scientific journal "Frontiers of Immunology
- ♦ Coordinator of IdiPAZ Platforms
- ♦ Coordinator of Health Research Funds in the areas of Cancer, Infectious Diseases and HIV
- ♦ PhD in Nuclear Physics, University of La Habana
- ♦ Doctorate in Pharmacy from the Complutense University of Madrid

Professors

Dr. del Fresno, Carlos

- ♦ Researcher Specialist in Biochemistry, Molecular Biology and Biomedicine
- ♦ "Michael Servetus" Researcher. Group Leader, Research Institute of the Hospital la Paz (IdiPAZ)
- ♦ Researcher Spanish Association Against Cancer (AECC), National Center for Cardiovascular Research (CNIC– ISCIII)
- ♦ Researcher, National Center for Cardiovascular Research (CNIC - ISCIII)
- ♦ "Sara Borrel" Researcher, National Biotechnology Center (CNIC - ISCIII)
- ♦ PhD in Biochemistry, Molecular Biology and Biomedicine, Autonomous University of Madrid
- ♦ Degree in Biology from the Complutense University of Madrid



04

Structure and Content

The structure and content of this program has been designed by the teaching team in collaboration with TECH. Both have taken into consideration the criteria of quality and rigor present in all the programs. In this way, students will deepen their understanding of international interaction opportunities and the positioning, preparation and writing of a project. Furthermore, the specialist will have access to this information through a comprehensive, innovative and multidisciplinary program, which will allow him/her to get up to date on scientific funding in less than 6 weeks and in a 100% online manner.





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TECH applies the innovative Relearning methodology to exempt you from long hours of study present in other orthodox programs. Make up your mind now so that you can assimilate all the contents in a gradual and easy way”

Module 1. Project Funding

- 1.1. Search for Financing Opportunities
- 1.2. How to Adjust a Project to the Format of a Call for Proposals?
 - 1.2.1. Keys to Success
 - 1.2.2. Positioning, Preparation and Writing
- 1.3. Public Calls for Proposals. Main European and American Agencies
- 1.4. Specific European Calls for Proposals
 - 1.4.1. Horizon 2020 Projects
 - 1.4.2. Human Resources Mobility
 - 1.4.3. Madame Curie Program
- 1.5. Intercontinental collaboration Calls: Opportunities for International Interaction
- 1.6. Calls for Collaboration with the United States
- 1.7. Strategy for Participation in International Projects
 - 1.7.1. How to Define a Strategy for Participation in International Consortia
 - 1.7.2. Support and Assistance Structures
- 1.8. International Scientific Lobbying
 - 1.8.1. Access and Networking
- 1.9. Private Calls for Proposals
 - 1.9.1. Foundations and Funding Organizations for Health Research in Europe and the Americas
 - 1.9.2. Private Funding Calls for Proposals from U.S. Organizations
- 1.10. Securing the Loyalty of a Funding Source: Keys to Lasting Financial Support





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A unique program designed for you, a professional at the height of the digital update and with high aspirations around the financing and success of your own projects”

05 Methodology

This academic program offers students a different way of learning. Our methodology uses a cyclical learning approach: **Relearning**.

This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.



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Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"

At TECH we use the Case Method

What should a professional do in a given situation? Throughout the program, students will face multiple simulated clinical cases, based on real patients, in which they will have to do research, establish hypotheses, and ultimately resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method. Specialists learn better, faster, and more sustainably over time.

With TECH you will experience a way of learning that is shaking the foundations of traditional universities around the world.



According to Dr. Gérvas, the clinical case is the annotated presentation of a patient, or group of patients, which becomes a "case", an example or model that illustrates some peculiar clinical component, either because of its teaching power or because of its uniqueness or rarity. It is essential that the case is based on current professional life, trying to recreate the real conditions in the physician's professional practice.

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Did you know that this method was developed in 1912, at Harvard, for law students? The case method consisted of presenting students with real-life, complex situations for them to make decisions and justify their decisions on how to solve them. In 1924, Harvard adopted it as a standard teaching method”

The effectiveness of the method is justified by four fundamental achievements:

1. Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that evaluate real situations and the application of knowledge.
2. Learning is solidly translated into practical skills that allow the student to better integrate into the real world.
3. Ideas and concepts are understood more efficiently, given that the example situations are based on real-life.
4. Students like to feel that the effort they put into their studies is worthwhile. This then translates into a greater interest in learning and more time dedicated to working on the course.



Relearning Methodology

At TECH we enhance the case method with the best 100% online teaching methodology available: Relearning.

This university is the first in the world to combine the study of clinical cases with a 100% online learning system based on repetition, combining a minimum of 8 different elements in each lesson, a real revolution with respect to the mere study and analysis of cases.

Professionals will learn through real cases and by resolving complex situations in simulated learning environments. These simulations are developed using state-of-the-art software to facilitate immersive learning.



At the forefront of world teaching, the Relearning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best online university (Columbia University).

With this methodology, more than 250,000 physicians have been trained with unprecedented success in all clinical specialties regardless of surgical load. Our pedagogical methodology is developed in a highly competitive environment, with a university student body with a strong socioeconomic profile and an average age of 43.5 years old.

Relearning will allow you to learn with less effort and better performance, involving you more in your specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to success.

In our program, learning is not a linear process, but rather a spiral (learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

The overall score obtained by TECH's learning system is 8.01, according to the highest international standards.



This program offers the best educational material, prepared with professionals in mind:



Study Material

All teaching material is produced by the specialists who teach the course, specifically for the course, so that the teaching content is highly specific and precise.

These contents are then applied to the audiovisual format, to create the TECH online working method. All this, with the latest techniques that offer high quality pieces in each and every one of the materials that are made available to the student.



Surgical Techniques and Procedures on Video

TECH introduces students to the latest techniques, the latest educational advances and to the forefront of current medical techniques. All of this in direct contact with students and explained in detail so as to aid their assimilation and understanding. And best of all, you can watch the videos as many times as you like.



Interactive Summaries

The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



Additional Reading

Recent articles, consensus documents and international guidelines, among others. In TECH's virtual library, students will have access to everything they need to complete their course.





Expert-Led Case Studies and Case Analysis

Effective learning ought to be contextual. Therefore, TECH presents real cases in which the expert will guide students, focusing on and solving the different situations: a clear and direct way to achieve the highest degree of understanding.



Testing & Retesting

We periodically evaluate and re-evaluate students' knowledge throughout the program, through assessment and self-assessment activities and exercises, so that they can see how they are achieving their goals.



Classes

There is scientific evidence on the usefulness of learning by observing experts. The system known as Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.



Quick Action Guides

TECH offers the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help students progress in their learning.



06 Certificate

The Postgraduate Certificate in Funding of Research Projects guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.



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*Successfully complete this program
and receive your university qualification
without having to travel or fill out
laborious paperwork”*

This **Postgraduate Certificate in Funding of Research Project** contains the most complete and up-to-date program on the market.

After the student has passed the assessments, they will receive their corresponding **Postgraduate Certificate** issued by **TECH Technological University** via tracked delivery*.

The diploma issued by **TECH Technological University** will reflect the qualification obtained in the Postgraduate Certificate, and meets the requirements commonly demanded by labor exchanges, competitive examinations, and professional career evaluation committees.

Title: **Postgraduate Certificate in Funding of Research Projects**

Official N° of hours: **150 h.**



*Apostille Convention. In the event that the student wishes to have their paper diploma issued with an apostille, TECH EDUCATION will make the necessary arrangements to obtain it, at an additional cost.



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