Postgraduate Certificate
Research Results Dissemination
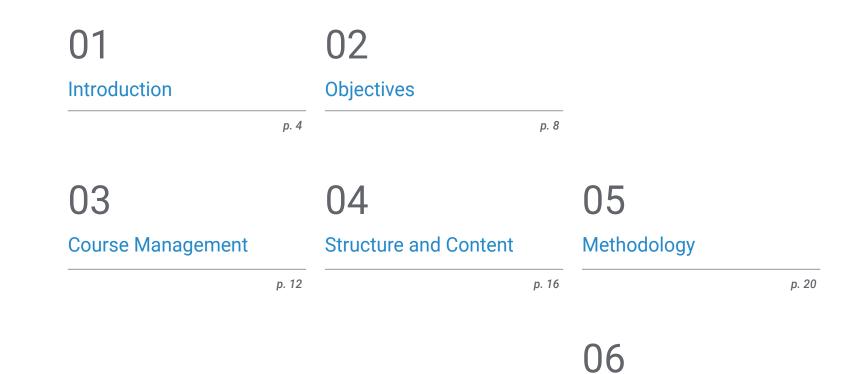
tech *technological university*

Postgraduate Certificate
Research Results Dissemination

- » Modality: **online**
- » Duration: **12 weeks**
- » Certificate: **TECH Technological University**
- » Dedication: **16h/week**
- » Schedule: **at your own pace**
- » Exams: **online**

Website: **www.techtitute.com/in/physiotherapy/postgraduate-certificate/research-results-dissemination**

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01

Introduction

For a Scientific Research to make sense, it is essential that all the protocols to be followed are strictly followed. Although dissemination is one of the last points of the dissemination process, it is fundamental to materialize the results in clinical practice, to bring knowledge closer to the patients themselves and, therefore, to promote research development in the area in question. For Physiotherapy, a science in full growth, it is essential that professionals who are dedicated to research it have all the tools to convert numerical data into reports, posters and communications for calls with other specialists or even in the RRSS. For this reason, TECH offers a 100% online degree that explores new dissemination strategies and the dissemination of results through the Internet. All this, in order to update the knowledge of physiotherapists in only 300 academic hours and with all the facilities.

Are you going to lag behind the update in short communications to convey your research results? Upgrade now with this Postgraduate Certificate in only 12 weeks"

The digital revolution has brought with it many advantages in the field of research, among them, bibliographic search, but also the speed in the transmission of data, whether scientific or general, by means of universal communications. On platforms such as Youtube you can find a large amount of audiovisual materials that focus on the evidence on Physiotherapy and its benefits. In this way, the public can get closer to the science, but also know which exercises are best suited to treat their condition.

In order to encourage the flow of information on the Web and to enable specialists to adapt to the call they receive, TECH has developed this Postgraduate Certificate in Research Results Dissemination. A program that explores the possibilities of SSR for scientific dissemination and innovative tools applied to dissemination among experts. A program that will enable students to write reports more effectively, handle scientific papers and articles and participate in specialized journals, as well as generate short communications via the Internet.

This is a university degree taught in a 100% online format, which, in just 12 weeks, will allow students to delve, in an exhaustive manner, into trends and new scientific communications. All this, thanks to theoretical-practical and additional materials, which can be downloaded so that students can have the reference guide without an internet connection, once they have saved it on their device. In addition, TECH has relied on a teaching team versed in Physiotherapy to develop the contents and impart practical knowledge to students. At the same time, the innovative pedagogical system, based on the Relearning methodology, will exempt specialists from long hours of memorization and will allow them to adapt the pace of study to their personal and professional needs.

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

- 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
- The availability of access to content from any fixed or portable device with an Internet connection

In only 300 hours you will be able to disseminate data obtained to non-specialized audiences and capture the interest of a much wider public that can participate in the financing of your project"

" *Did you know that one of the most common mistakes in research is to start with the introduction? This program gives you the keys to the mistake of prioritizing this section"*

Changes in digital platforms happen daily and the possibilities for dissemination have become infinite, are you going to be left behind in the update queue?.

This degree gives you the opportunity to combine your current job with the study of academic content 100% online.

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.

02
Objectives

The main objective of this Postgraduate Certificate in Research Results Dissemination is to provide students with the most updated content on the dissemination and disclosure of their research work. In addition, the didactic and innovative material offered by TECH brings students directly and quickly to the knowledge of professional communication and social media, among other issues. All this, supported by a specialized teaching team with whom you can discuss through a direct communication channel. An academic education so that the specialists of the future can now improve their knowledge in real practice.
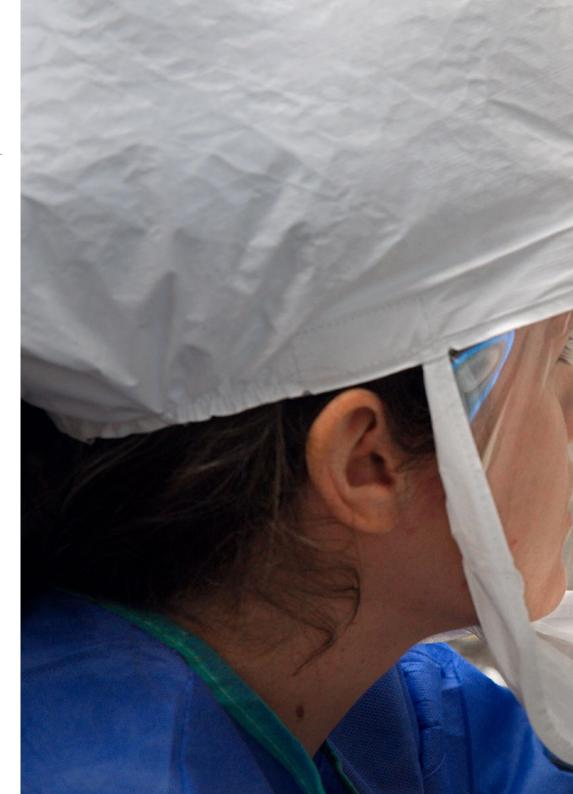
You will master the choice strategies and priority list when choosing a journal to publish your paper successfully"

General Objectives

- Adequately formulate a question or problem to be solved
- Asses the state of the art of the problem through literature search
- Assess the feasibility of the potential project
- Draft projects in accordance with the different calls for proposals
- Look for A Funding Model
- Master the necessary data analysis tools
- Write scientific articles (papers) for the daily magazines
- Identify the main tools for dissemination to the non-specialized public

Specific objectives

- Learn the various ways of disseminating results
- Internalize how to write reports
- Learn how to write for a specialized journal
- Learn how to generate a poster at a congress
- Learn how to prepare different communications of different times
- Learning how to turn a scientific paper into dissemination material

" *You are just a click away from delving into the creation of reports, scientific articles and the writing of specialized journals, to distinguish yourself from other professionals in the sector"*
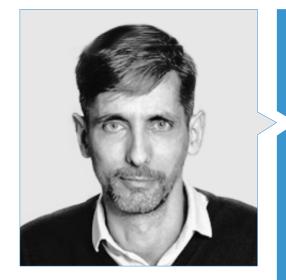
03
Course Management

TECH has selected a complete team of experienced researchers in the area of Research and with years of collaboration in projects to elaborate this program. They are a group of specialists with a very broad human and professional quality who will be in charge of teaching the contents of this degree. Thanks to its incorporation, students will not only acquire theoretical knowledge , but will also be able to acquire the keys to the actions of teachers who work in the real scenario. It is a unique academic opportunity, as students will have at their disposal a direct communication channel through which they will be able to discuss with teachers and solve all their questions.

"

In addition to actively participating in the development of the syllabus, the teaching team has selected real cases so that you can put into practice the guidelines indicated in the program and perfect your skills"

Management

Dr. López-Collazo, Eduardo

- Deputy Scientific Director at the Healthcare Research Institute of the La Paz University Hospital
- Head of the Department of Inmune Response and Infectious Diseases at IdiPAZ
- Head of the Department of Inmune 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. Avendaño Ortiz, José

- Researcher Sara Borrell Biomedical Research Foundation of the Ramon and Cajal University Hospital (FIBioHRC/IRyCIS)
- Researcher Foundation for Biomedical Research of La Paz University Hospital (FIBHULP/ IdiPAZ)
- Researcher HM Hospitals Foundation (FiHM)
- Graduate in Biomedical Sciences from the University of Lleida
- Master in Pharmacological Research, Autonomous University of Madrid
- PhD in Pharmacology and Physiology from the Autonomous University of Madrid

04
Structure and Content

The materials contained in this Postgraduate Certificate have been enriched with the guidelines of the specialists to offer the best professional guarantee for the instruction of the students. Likewise, the Relearning methodology has been applied, so that lawyers do not have to invest long hours of memorization and can easily assimilate the contents. In this way, the program will educate students on the dissemination and disclosure of research results. In this sense, TECH aims to enlighten specialists in the sector, with a practical and updated character. For this reason, this program focuses on the scenarios in which students will develop as professionals.

With TECH, your daily responsibilities will not be a problem; you will learn without the need to travel or be limited to fixed schedules"

Module 1. Dissemination of Results I: Reports, memoirs and scientific articles

1.1.   Generating a Scientific Report or Memory of a Project
    1.1.1.   Optimal Approach to the Discussion
    1.1.2.   Presentation of the Limitations

1.2.   Generation of a Scientific Article: How to Write a Paper on the Basis of the Data Obtained?
    1.2.1.   General Structure
    1.2.2.   Where Does the Paper Go?

1.3.   Where to Start?
    1.3.1.   Adequate Representation of the Results

1.4.   The Introduction: The Mistake of Starting with this Section

1.5.   The Discussion: The Cusp Moment

1.6.   The Description of Materials and Methods: The Guaranteed Reproducibility

1.7.   Choice of the Journal where the Paper is to be submitted
    1.7.1.   Choice Strategy
    1.7.2.   Priority List

1.8.   Adaptation of the Manuscript to the Different Formats

1.9.   The "Cover Letter": Concise Presentation of the Study to the Editor

1.10.   How to Respond to Reviewers' Doubts? The Rebuttal Letter

Module 2. Dissemination of Results II: Symposia, congresses, dissemination to society

2.1.   Presentation of Results at Congresses and Symposia
    2.1.1.   How is a Poster Generated?
    2.1.2.   Data Representation
    2.1.3.   Focusing the Message

2.2.   Short Communications
    2.2.1.   Data Representation for Short Communications
    2.2.2.   Focusing the Message

2.3.   The Plenary Lecture: Notes on How to Keep the Attention of the Specialized Audience for More than 20 Minutes

Don't think twice and enroll now in a program that addresses future communication tools and will keep you ahead of online trends"

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.

" *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. Physiotherapists/kinesiologists 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 of professional physiotherapy practice.

> *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. Physiotherapists/kinesiologists who follow this method not only grasp concepts, but also develop their mental capacity, by evaluating real situations and applying their knowledge.

2. The learning process has a clear focus on practical skills that allow the physiotherapist/kinesiologist 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.

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

01 learning from evidence

02 relearning from evidence

03 testing

04 learning from an expert

05 neurocognitive context dependent learning

06 Von-Restorff effect

07 case based learning through storytelling

08 competencies testing (retesting)

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 we trained more than 65,000 physiotherapists/kinesiologists with unprecedented success in all clinical specialties, regardless of the workload. 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 training, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation for 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 our 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 really 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.

Physiotherapy Techniques and Procedures on Video

TECH brings students closer to the latest techniques, the latest educational advances and to the forefront of current Physiotherapy techniques and procedures. 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 them as many times as you want.

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 unique multimedia content presentation training system 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.

20%

15%

15%

3%

20%

17%

7%

3%

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

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

This **Postgraduate Certificate in Research Results Dissemination** contains the most complete and up-to-date scientific program on the market.

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

The certificate 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 Research Results Dissemination**

Official Nº of hours: **300 h.**

tech technological university

Awards the following
CERTIFICATE
to

Mr./Ms. _____, with identification number _____.
For having passed and accredited the following program

POSTGRADUATE CERTIFICATE
in
Research Results Dissemination

This is a qualification awarded by this University, equivalent to 300 hours, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH is a Private Institution of Higher Education recognized by the Ministry of Public Education as of June 28, 2018.

June 17, 2020

Tere Guevara Navarro
Dean

This qualification must always be accompanied by the university degree issued by the competent authority to practice professionally in each country.   Unique TECH Code: AFWORD23S   techtitute.com/certificates

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

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