

# Postgraduate Certificate

## Research Results Dissemination

Endorsed by the NBA





## 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.techtute.com/in/sports-science/postgraduate-certificate/research-results-dissemination](http://www.techtute.com/in/sports-science/postgraduate-certificate/research-results-dissemination)

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# 01

# Introduction

The ultimate goal of scientific research is that, in itself, it can be applied to practice. In this case, sports practice is influenced by the deep intrusion that exists in the world of physical activity, so specialists rely on evidence from successful studies. However, in order for coaches to obtain the necessary knowledge, it is necessary for researchers to have all the latest techniques and tools to disseminate the results of their study, either in a diffusive way, to other experts, or in an informative way, to the general population. In this sense, it is crucial for specialists to be up to date with new technologies, an issue that this 100% online degree program addresses in depth, deepening the dissemination of results and allowing the flexibility required by modern sports professionals.



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*With this Postgraduate Certificate you will be able to adapt the results of your research to the different calls for proposals in only 12 weeks”*

Tik tok, Instagram and Youtube are gaining great importance in the scientific field. Far from being a merely social issue, social networks and digital platforms offer great possibilities for the dissemination of knowledge. Moreover, these communication channels democratize information to the point that the majority of the population can have access to them. For this reason, companies insist that specialists who are dedicated to sports research also have mastery of the Internet and have first-hand knowledge of all the formats to adapt to the calls that are presented to them.

For this reason, TECH has designed a complete and rigorous degree that delves into the most up-to-date tools for the representation of results. With this degree, Sports Science graduates and other professionals interested in the dissemination of their research will benefit from the advice of professionals with years of experience in the sector. In addition, TECH, in its line of academic rigor, offers a large amount of audio-visual and additional materials in various formats for students to get the most out of the degree.

It is a program that explores the tools for dissemination and dissemination of results both on paper and in digital format. All this is done through detailed videos, research articles, complementary readings, self-knowledge exercises and dynamic summaries, among other materials, which dynamize the study and prepare students in a practical way so that they can apply it in the real scenario of action. At the same time, TECH has designed this program in a 100% online format, to allow the adaptation of the study to the personal and professional needs of the students, whatever their situation may be.

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
- ♦ Content that is accessible from any fixed or portable device with an Internet connection



*Thanks to TECH you will achieve your goals in a simple and guaranteed way through a comprehensive and 100% online qualification. Enroll now and see for yourself"*

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*Don't lag behind the update and energize your reports to reach more experts, communicating your research results to the general population to achieve greater funding and impact"*

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.

*You will master the communication channels that are currently trending to disseminate your research results in only 300 hours of academic degree.*

*You are just one click away from deepening the transmission of sports knowledge through social media, join TECH.*



# 02 Objectives

This program aims to instruct graduates in Sports Sciences and other professionals interested in the dissemination of research results who wish to update their knowledge in order to apply it in their own work. Thanks to its study, the student will be able to know the new methods of adaptation of a scientific project in divulgation material and its literature. A program that offers the keys to focus the message, short communications and the various scientific calls that students who take it will face or face daily, to improve their skills in practice.





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*If your goal is to master all formats to disseminate scientific knowledge in a clear and direct way, this is the perfect program for you"*



## General Objectives

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- 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

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- ♦ Learn the various ways of disseminating results
- ♦ Internalize how to write reports
- ♦ Manage scientific reports and articles
- ♦ 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
- ♦ Learn to disseminate data obtained to non-specialized audiences
- ♦ Learning how to turn a scientific paper into dissemination material



*This degree gives you the opportunity to study and update your knowledge without having to give up other activities in your daily life"*

03

# Course Management

TECH has selected a team of experienced researchers in the research area, with years of collaboration in research projects, to teach the contents of this program. In this way, students will not only have purely theoretical knowledge, but will enjoy the practical advice that scientists apply so that, in turn, specialists can apply them to the real scenario of action. The aim is to offer a complete and rigorous degree that is proposed as a unique opportunity for students to be updated in the field of communication focused on digital platforms from the hands of the best experts in the area.



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*Don't think twice, become one of the leading professionals using cover letters to master diverse communications for small and large audiences"*

## Management



### Dr. López-Collazo, Eduardo

- ♦ Deputy Scientific Director, Instituto de Investigación Sanitaria, Hospital Universitario La PAZ
- ♦ , the Health Research Institute of La Paz University Hospital (IdiPAZ)
- ♦ Scientific Director, Institute of Health Research, University Hospital La PAZ
- ♦ President of the IdiPAZ Research Commission
- ♦ Member 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 (2010-2013)
- ♦ Coordinator of Health Research Funds in the areas of Cancer, Infectious Diseases and HIV

## Professors

### Dr. Avendaño Ortiz, José

- ♦ "Sara Borrell" Researcher Foundation for Biomedical Research of the Ramón y Cajal University Hospital (FIBioHRC/IRyCIS)
- ♦ Researcher Foundation for Biomedical Research of La Paz University Hospital (FIBHULP/ IdiPAZ)
- ♦ Researcher HM Hospitals Foundation (FiHM)
- ♦ Master's Degree in pharmacological research from the Autonomous University of Madrid
- ♦ PhD in Pharmacology and Physiology from the Autonomous University of Madrid



# 04

## Structure and Content

The structure and content of this Postgraduate Certificate has been designed under the guidance of a group of specialists versed in the highest level of research. They are teachers with great human qualities, since they will be in charge of teaching the contents in a simple, direct and close way. In addition, TECH wants to reach all specialists, even those who are working, and has therefore designed its format to be 100% online, so that studying and working simultaneously is possible. At the same time, it has included a large amount of audiovisual materials in various formats that aim to make the program more dynamic so that students can get the most out of it.





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*Do not wait any longer to have all the academic tools with which you will master the creation of memoirs, scientific articles and the writing of specialized journals, among other issues"*

## Module 1. Dissemination of Results I, Reports, Memos 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. Introduction: The Mistake of Starting with this Section
- 1.5. 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, Symposiums, Congresses, Dissemination to the 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





- 2.4. Dissemination to the General Public
  - 2.4.1. Need Vs. Opportunity
  - 2.4.2. Use of References
- 2.5. Use of Social Networks for the Dissemination of Results
- 2.6. How to Adapt Scientific Data to the Popular Language?
- 2.7. Hints for Summarizing a Scientific Paper in a Few Characters
  - 2.7.1. Instant Dissemination via Twitter
- 2.8. How to turn a Scientific Paper into a Popularization Material
  - 2.8.1. Podcast
  - 2.8.2. YouTube Videos
  - 2.8.3. Tik Tok
  - 2.8.4. Comic Book
- 2.9. Popular Literature
  - 2.9.1. Columns
  - 2.9.2. Books

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*This degree has been designed for you, because from your own home, you can join the study thanks to its format"*

# 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"*

### Case Study to contextualize all content

Our program offers a revolutionary approach to developing skills and knowledge. Our goal is to strengthen skills in a changing, competitive, and highly demanding environment.

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*At TECH, you will experience a learning methodology that is shaking the foundations of traditional universities around the world"*



*You will have access to a learning system based on repetition, with natural and progressive teaching throughout the entire syllabus.*



*The student will learn to solve complex situations in real business environments through collaborative activities and real cases.*

### A learning method that is different and innovative

This TECH program is an intensive educational program, created from scratch, which presents the most demanding challenges and decisions in this field, both nationally and internationally. This methodology promotes personal and professional growth, representing a significant step towards success. The case method, a technique that lays the foundation for this content, ensures that the most current economic, social and professional reality is taken into account.

“*Our program prepares you to face new challenges in uncertain environments and achieve success in your career”*

The case method is the most widely used learning system in the best faculties in the world. The case method was developed in 1912 so that law students would not only learn the law based on theoretical content. It consisted of presenting students with real-life, complex situations for them to make informed decisions and value judgments on how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

What should a professional do in a given situation? This is the question we face in the case method, an action-oriented learning method. Throughout the program, the studies will be presented with multiple real cases. They will have to combine all their knowledge and research, and argue and defend their ideas and decisions.

## Relearning Methodology

TECH effectively combines the Case Study methodology with a 100% online learning system based on repetition, which combines 8 different teaching elements in each lesson.

We enhance the Case Study with the best 100% online teaching method: Relearning.

*In 2019, we obtained the best learning results of all online universities in the world.*

At TECH, you will learn using a cutting-edge methodology designed to train the executives of the future. This method, at the forefront of international teaching, is called Relearning.

Our university is the only one in the world authorized to employ this successful method. In 2019, we managed to improve our students' overall satisfaction levels (teaching quality, quality of materials, course structure, objectives...) based on the best online university indicators.





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.

With this methodology, we have trained more than 650,000 university graduates with unprecedented success in fields as diverse as biochemistry, genetics, surgery, international law, management skills, sports science, philosophy, law, engineering, journalism, history, markets, and financial instruments. All this in a highly demanding environment, where the students have a strong socio-economic profile and an average age of 43.5 years.

*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.*

From the latest scientific evidence in the field of neuroscience, not only do we know how to organize information, ideas, images and memories, but we know that the place and context where we have learned something is fundamental for us to be able to remember it and store it in the hippocampus, to retain it in our long-term memory.

In this way, and in what is called neurocognitive context-dependent e-learning, the different elements in our program are connected to the context where the individual carries out their professional activity.



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.



### Classes

There is scientific evidence suggesting that observing third-party experts can be useful.

Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.



### Practising Skills and Abilities

They will carry out activities to develop specific competencies and skills in each thematic area. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop in the context of the globalization that we are experiencing.



### 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.





#### Case Studies

Students will complete a selection of the best case studies chosen specifically for this situation. Cases that are presented, analyzed, and supervised by the best specialists in the world.



#### 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".



#### 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.



# 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 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 Research Results Dissemination** contains the most complete and updated scientific 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 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.

Program: **Postgraduate Certificate in Research Results Dissemination**

Official No. of Hours: **300 h.**

**Endorsed by the NBA**



\*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.

future  
health confidence people  
education information tutors  
guarantee accreditation teaching  
institutions technology learning  
community commitment  
personalized service innovation  
knowledge present  
development language  
virtual classroom



**Postgraduate Certificate**  
Research Results  
Dissemination

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

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