Postgraduate Certificate
Collaborative Research

tech technological university

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Postgraduate Certificate
Collaborative Research

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

Website: **www.techtitute.com/in/pharmacy/postgraduate-certificate/collaborative-research**

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01

Introduction

Pharmacy cooperativity is vital for the development of this service, since its establishments are located all over the world. However, joint studies on this pharmacological practice have led to projects such as CISMED and Mi Farmacia Asistencial, systems that, in addition to successfully introducing new technologies, would reduce the impact of drug shortages in the future. This is the only way to have a unique and contextualized registry of patients and their treatments. It is a reflection of the need for today's professionals to be governed by the collaboration of entities to unify forces and reach breakthroughs early on. To this end, TECH offers a 100% online degree, which explores thematic networks, the distribution of responsibilities and work groups, among other issues, so that the specialist can update and perfect their skills in practice.

Scientific cooperation is essential to discover unprecedented findings. With this Postgraduate Certificate you will master Collaborative Research and all its keys in less than 6 weeks"

Undoubtedly, Collaborative Research is here to stay, especially now that it has been reinforced thanks to the Internet. This global connector makes it much easier for entities around the world to work simultaneously and remotely. In this way, the specialists could complement each other and would only need a network connection. Supporting this type of studies is only the beginning of new spaces for health research. For this reason, in view of the new benefits of the generation of working groups and the enrichment it brings to pharmacists as a whole, it is essential that experts continue to develop and update themselves even if they are already working in the sector.

For this reason, TECH offers an academic degree that delves into clinical, basic and translational observation and its new technological methods. This is a university program taught in 100% online mode, which allows students to enter digitally in a field where, precisely, the biomedical research centers in Network will have a prominent space. In addition, it deals with the creation of collaborative networks for health research, so that specialists adopt the keys to their professional practice. TECH also incorporates a theoretical-practical approach, which will bring students closer to success as leaders of research projects.

This program is a unique and innovative academic experience that applies the Relearning learning system to relieve students of long hours of memorization and allow them to adapt the pace of study easily and effectively. In addition, TECH has drawn on the knowledge and experience of a teaching team with extensive experience in the sector, so that they not only pour their knowledge into the content, but also share their actual skills. A flexible degree adapted to digital academic times, which will provide knowledge to Pharmacy graduates and other health professionals interested in the subject.

This **Postgraduate Certificate in Collaborative Research** contains the most complete and up-to-date scientific program on the market. Its most outstanding features are:

- 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

This program will not only provide you with knowledge in the generation of working groups, but will also help you develop the leadership skills to be at the forefront of scientific projects"

Be part of the group of professionals at the forefront of collaborative pharmacological studies and have leadership skills thanks to TECH"

TECH will help you achieve your goals around International Collaborative Research to project your research career globally.

Enjoy now 150 hours of audiovisual content in various formats developed by industry professionals.

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

TECH is aware of the multiple stages that researchers must go through in their scientific work, and has therefore dedicated a specific module to investigate Collaborative Research in order to update the knowledge of those specialists who have not yet mastered this area to perfection. The ultimate objective of the degree is to enable the specialist to know in detail the keys to the generation of work groups and the new methods and platforms that are put into practice when cooperating via the Internet. In this way, the specialist will be able to develop leadership skills and conduct research work whenever necessary in a safe and secure manner.

Do you want to improve your skills in basic, translational and clinical research and contribute to the development of cooperative projects? This is the program you were looking for, sign up now"

General Objectives

- Understand the appropriate approach to 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
- 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
- Writing scientific articles (*papers*) according to the target 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

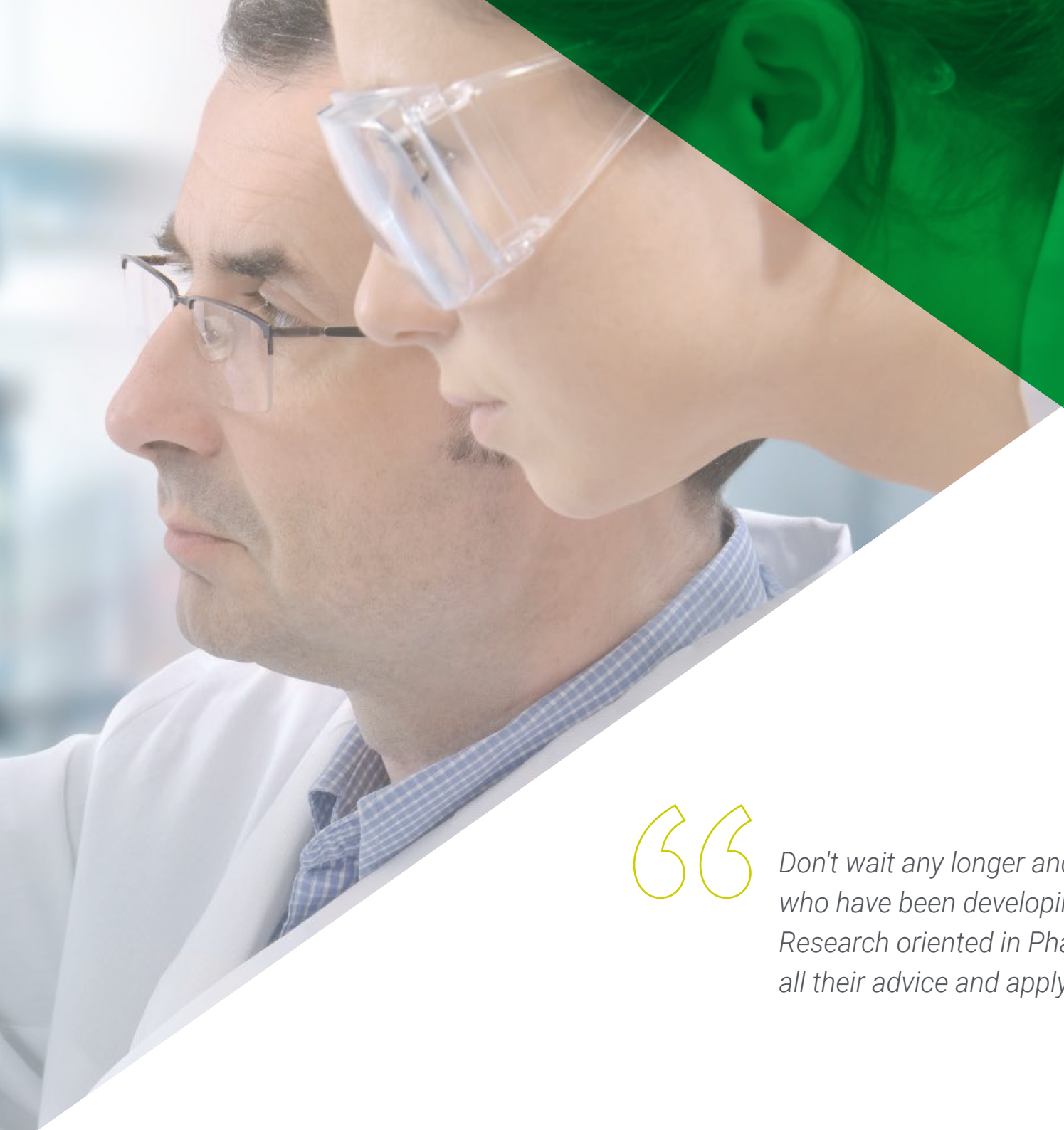
- Learn how to create working groups
- Create new biomedical research spaces
- Permanent collaboration with other research areas

Fulfill your objectives now, learn more about the novelties of biobanking samples so that you can share your results with the rest of the professionals who study your subject"

03

Course Management

In the search for perfection in its degrees, TECH has selected a group of teachers specialized in each subject. In this case, they are researchers with years of experience in the pharmacological sector. Their collaboration offers a plus of quality and rigor, as the experts have been in charge of transmitting their theoretical and practical knowledge in the program. In addition, students will be able to acquire advice based on real and practical experience. Students will also be able to contact them through a direct communication channel through which they will be able to solve all their questions regarding the subject to guarantee their correct instruction and the follow-up of the Postgraduate Certificate.



Don't wait any longer and update yourself with experts who have been developing for years around Medical Research oriented in Pharmacy so that you can adopt all their advice and apply it in your professional practice"

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. Gómez Campelo, Paloma

- Researcher at the Instituto de Investigación Sanitaria, Hospital Universitario La Paz
- Deputy Technical Director of the Health Research Institute of La Paz University Hospital
- Director of the Biobank of the Health Research Institute of the University Hospital La Paz
- Collaborating Teacher of the Polytechnic University of Catalonia
- Doctorate in Psychology the Complutense University of Madrid
- Degree in Psychology from the Complutense University Madrid

04

Structure and Content

The syllabus of this Postgraduate Certificate has been carefully designed by specialists with extensive experience in Medical Research oriented to Pharmacology. The collaboration of the teachers provides the guarantee of rigorousness to the theoretical and practical contents offered by the program, so that the student can approach the technological innovations of Collaborative Research and the ins and outs of leadership, through quality teaching. In addition, the Relearning methodology applied by TECH allows the specialists to be exempted from long hours of memorization, as they will be able to assimilate the contents progressively. In this way, the student will get the most out of the degree, while at the same time developing other activities in their personal and professional life.

You will delve into the training of multidisciplinary teams so that you will observe, through case simulation, how to distribute responsibilities to each department"

Module 1. Generation of Working Groups: Collaborative Research

1.1. Definition of Working Groups
1.2. Formation of Multidisciplinary Teams
1.3. Optimal Distribution of Responsibilities
1.4. Leadership
1.5. Control of Activities Achievement
1.6. Hospital Research Teams
  1.6.1. Clinical Research
  1.6.2. Basic Research
  1.6.3. Translational Research
1.7. Creation of Collaborative Networks for Health Research
1.8. New Spaces for Health Research
  1.8.1. Thematic Networks
1.9. Networked Biomedical Research Centers
1.10. Biobanks of Samples: International Collaborative Research

A Postgraduate Certificate designed for professionals like you, who wish to promote the collaboration of entities on the same research to obtain faster results through more efficient work"

05

Methodology

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

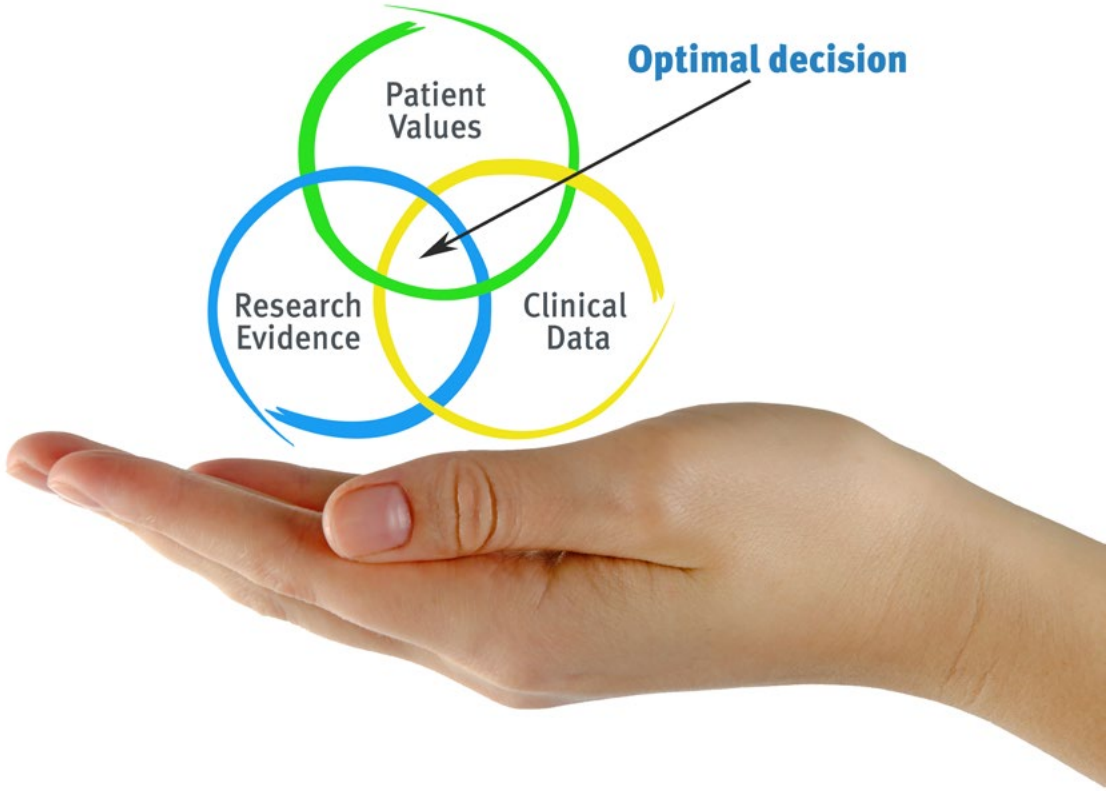
This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.

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 be confronted with multiple simulated clinical cases based on real patients, in which they will have to investigate, establish hypotheses and ultimately, resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method. Pharmacists learn better, more quickly 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, attempting to recreate the actual conditions in a pharmacist's professional 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:

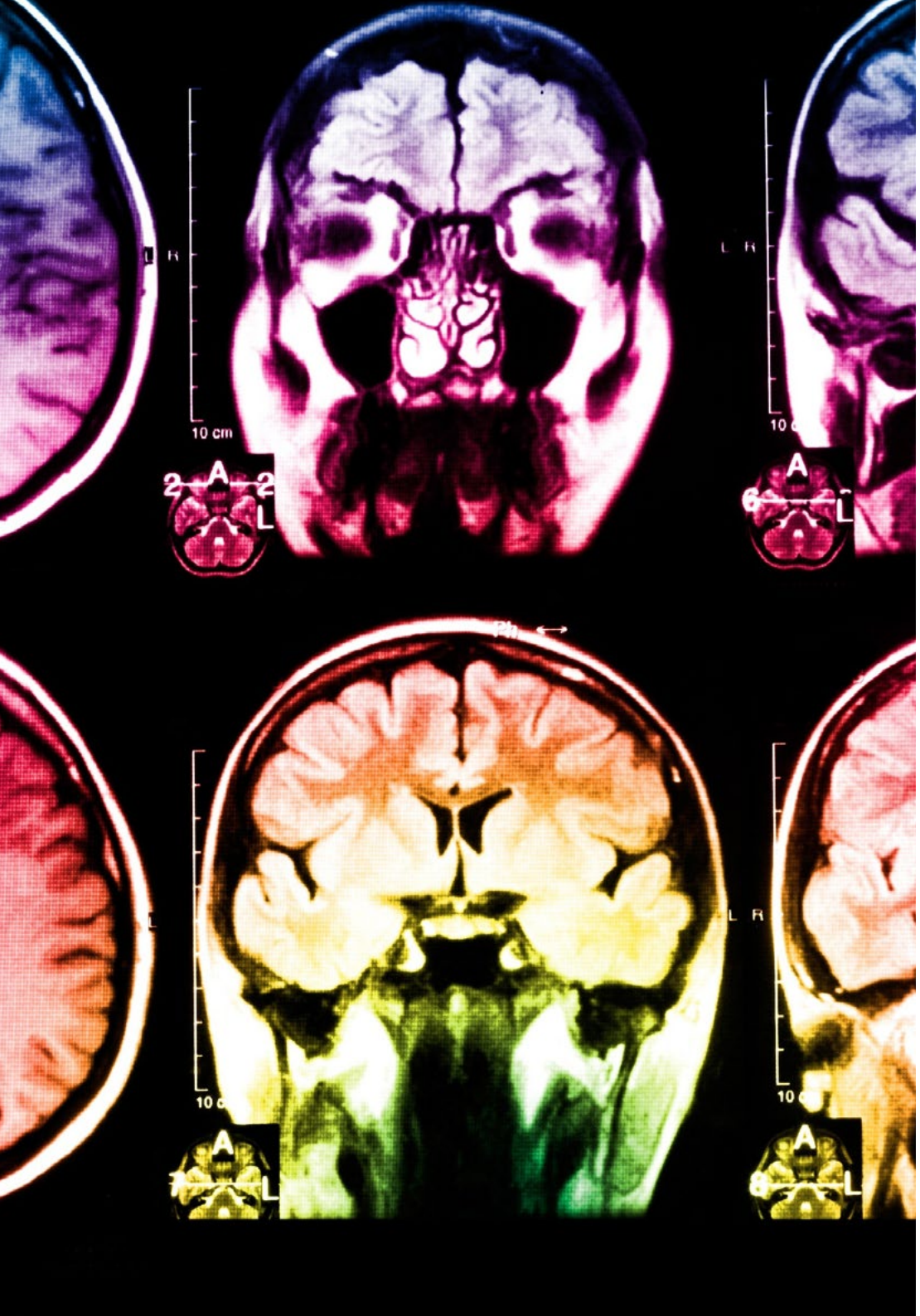
1. Pharmacists who follow this method not only grasp concepts, but also develop their mental capacity, by evaluating real situations and applying their knowledge.
2. Learning is solidly translated into practical skills that allow the student to better integrate into the real world.
3. Ideas and concepts 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.

Our 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, which represent a real revolution with respect to simply studying and analyzing cases.

Pharmacists 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.



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 115,000 pharmacists have been trained with unprecedented success in all clinical specialties, regardless of the surgical load. This pedagogical methodology is developed in a highly demanding environment, with a university student body with a high socioeconomic 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 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 created specifically for the course by specialist pharmacists who will be teaching the course, so that the didactic development is highly specific and accurate.

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.

Video Techniques and Procedures

TECH introduces students to the latest techniques, to the latest educational advances, to the forefront of current pharmaceutical care procedures. All of this, first hand, and explained and detailed with precision to contribute to assimilation and a better understanding. And best of all, you can watch them as many times as you want.

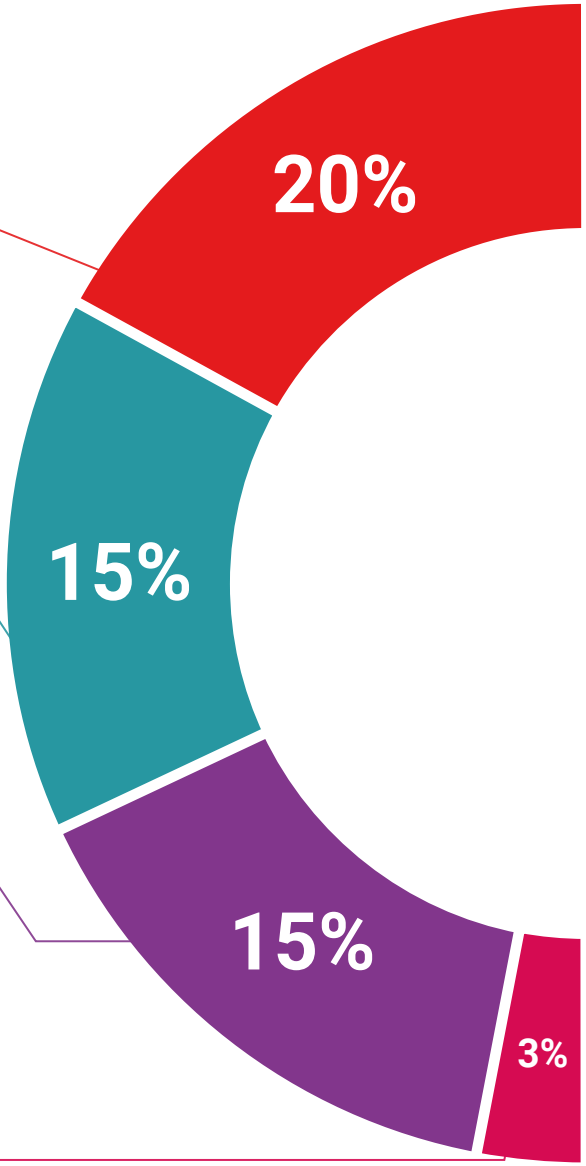
Interactive Summaries

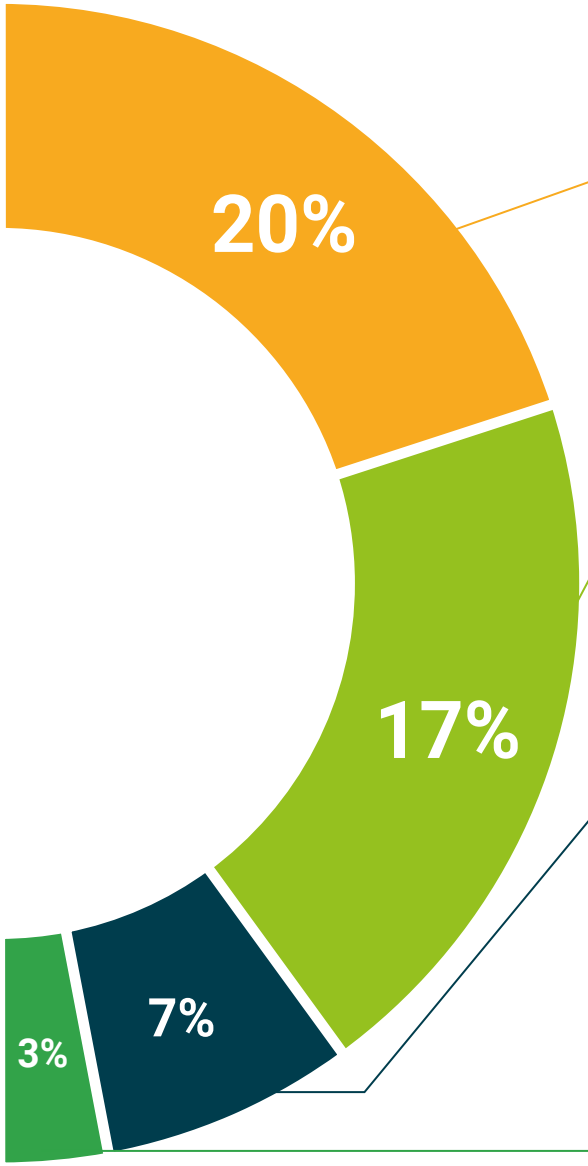
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

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.





Expert-Led Case Studies and Case Analysis

Effective learning ought to be contextual. Therefore, we will present you with real case developments in which the expert will guide you through 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 Collaborative Research 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 Collaborative Research** 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 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 Collaborative Research**

Official Nº of Hours: **150 h.**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Awards the following

CERTIFICATE

to

Mr./Ms. _____, with identification number _____.

For having passed and accredited the following program

POSTGRADUATE CERTIFICATE

in

Collaborative Research

This is a qualification awarded by this University, equivalent to 150 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

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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