




ANNUAL CATALOGUE

Ahed. Advanced
Health
Education
by NOVA Medical School



AHED - Advanced Health Education
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THE SCHOOL'S BRIEF HISTORY

In late 2018, five visionary organisations partnered to create AHED with the intention of creating a Health Education initiative that could congregate executive and academic training on many of the subjects that concern health and health care. The core focus concerned with identifying the need for innovative contents, providing hands-on training, offering multidisciplinary and transversal learning experiences, providing access to experts, as well as degrees and credits from a distinguished medical school.

The creation of AHED was made possible with the efforts and dedication of the founders during 2019. A new structure, with construction to be finalised by 2022, was designed focusing on Lifelong Health Education for health care professionals while looking to contribute and impact Health Education and also the Health of Individuals at large, thus becoming flagship project for Portugal.

AHED'S FIVE FOUNDING PARTNERS:

NOVA Medical School
NOVA University

NOVA MEDICAL
SCHOOL
FACULDADE
DE CIÊNCIAS
MÉDICAS

CUF

CUF

Escola Superior
de Saúde do Alcoitão
Santa Casa da
Misericórdia de Lisboa

SANTA
CASA
Misericórdia de Lisboa

Associação Nacional
das Farmácias

GRUPO
anf

Câmara Municipal
de Cascais

CASCAIS




AHED'S MISSION, VISION AND CORE COMPETENCES

VISION

Anticipating the future of health and health care, AHED aims to produce and deliver health education programs that will enable professionals to advance their knowledge and skills. The goal being to tackle their potential to the fullest across all stages of the professional cycle, ensuring excellent performance and thus benefiting the health of individuals and populations across the world.

MISSION

AHED will identify trends in health and health care, build and articulate innovative educational contents, as well as human and physical resources to attract experts, national and foreign students that seek specialised knowledge and skills in health.



“Continuous lifelong education must be integrated with the development of future healthcare”

- Jörgen Larsson (2019)

A silhouette of a person's head and shoulders is shown against a blurred background of a hospital or clinical setting. The person is facing right, and the background features soft, out-of-focus lights and shapes, suggesting a professional healthcare environment. The overall color palette is dark with teal and blue tones.

HEALTH PROFESSIONALS TO WHOM AHED IS COMMITTED

AHED is markedly open to all health professionals who wish to attain unmatched knowledge and skills across life to advance themselves and excel in their performance, aspiring to be a place where all profiles can leverage competences in a collaborative and open innovation environment.

The broad array of health professionals to whom AHED is committed includes local and foreign physicians, surgeons, nurses, pharmacists, nutritionists, physiotherapists, imaging technicians, lab technicians, healthcare managers, researchers and all other health professionals, with academic degree and practical experience.

AHED's official language is English.



AHED'S PARTNERING SPIRIT

The cooperation among private and public entities for this endeavour stimulated an openness to continue looking for relevant partnerships. AHED was conceived as an open initiative in which there is space for partnering and collaborating with other entities on teaching, consulting and research projects.

Meaningful partnerships with parallel teaching and industry institutions are seen as paramount to AHED's success. Partnerships that allow AHED to offer access to the latest technologies and knowledge are essential for AHED's mission.

AHED is committed to building close ties with civil society and international health organizations working in the school's thematic challenges.


A relationship shall also be established with national and international professional bodies that address the post-graduation school's vocation.

AHED'S FUTURE LOCATION

The school will have a new and modern infrastructure complemented by lovely views. It will be built in Parede, part of the Cascais municipality, in a privileged location steps away from the maritime promenade and the sea.

In 2022, AHED will start operating health educational programs in a new facility designed by architect Frederico Valsassina and his team. This new facility will be the product of a project aimed at reshaping the portion of land today occupied by Hospital José de Almeida, in Parede, Cascais.



An aerial photograph of a coastline. The top half of the image is a clear, light blue sky. The bottom half shows the ocean, with a white wave line curving along the shore in the lower-left corner. Several small boats are visible on the water's surface. The overall scene is bright and serene.

The solution created by Valsassina's team aimed at articulating itself with Avenida Marginal, a well-known waterfront boulevard that connects Lisbon to Cascais. Special care was placed in the integration of the building with its surroundings, the nearby presence of the sea and to the preservation of what is left of the ancient Junqueiro's Fortress, from 1645.

During the early launch of AHED's offer, 2020 and 2021, programs will take place mainly at Nova Medical School, but will also consider other founding partners' relevant infrastructures and resources.

DESIGNING AHED'S HEALTH EDUCATION OFFER

Conceptually, AHED has built an offer based on multidisciplinary and transversal, relevant and innovative knowledge and skills, integrating know-how and practices from an enlarged network of partners.

This includes the five founders, other units from NOVA University, national and foreign parallel teaching and industry institutions, civil society and international health organizations, and professional bodies, all benefiting from the critical mass generated by these interactions.

Operationally, AHED is committed to designing and offering programs aimed at developing practical skills and knowledge, through a marked hands-on approach that includes:

>> SIMULATION WITH ADVANCED MODELS, HIGH FIDELITY SPACES, SPECIALITY-ORIENTED EQUIPMENT, AND 3D PRINTED, HIGH-COMPLEXITY MODELS, IN A DRY LAB

>> TASK TRAINING AND SITUATION MANAGEMENT

>> TRAINING WITH CADAVERS IN A WET LAB

>> TRAINING WITH AUGMENTED REALITY

>> CASE STUDIES, SCENARIO AND PROBLEM SOLVING TECHNIQUES.

Additionally, AHED is set to create a learning and critical knowledge environment, open to constant informal discussion and formal debate in institutional thinking spaces with experienced professionals, along with a close knit net of students, alumni, faculty, founders, and all other academic, industry, associative and international partners - all benefiting from a sophisticated and modern physical setting located near Cascais, a few steps away from the sea.

AHED'S EDUCATIONAL OFFER

Lifelong Health education at AHED
will be the base for:

- >> Training qualified health professionals who wish to advance their knowledge and skills through hands-on, practical methods delivered in a Laboratory of Advanced Practices, with access to experts in each field, tackling their full potential at all stages of the professionals' cycle, and improving their clinical performance.
- >> Advanced academic research with a nature close to that of the education developed in the Laboratory of Advanced Practices, which congregates a Dry and Wet Lab, like technological and technical innovation in practical interventions, exploring existing resources.
- >> Encouraging collaborative research with different industry and institutional partners in the Health sector, geared at the development of innovative care solutions.



TECHNICAL CHALLENGES IN MEDICAL PRACTICE

Targeted at the development of specific clinical and surgical skills practicing on human cadavers and simulators.

A set of programs dedicated to medical doctors.



TECHNICAL CHALLENGES IN PROFESSIONAL PRACTICE

Aimed at the development of specific technical competences allowing the participants to learn practical skills.

A dedicated offer to health care professionals.





MULTIPROFESSIONAL CARE INTEGRATION CHALLENGES

Promotes the delivery of specific care through the integration of different professional groups in a certain context.

Dedicated to health professional groups working in one specialty.



TRANSVERSAL CHALLENGES

Encompasses care-related practices that concern a wide group of professionals.

Designed to appeal to all professional groups.



BEHAVIOURAL CHALLENGES

Embraces knowledge related to change in individuals' and group's behaviour in health care settings.

Dedicated to all professional groups.



EMERGING CHALLENGES

Broad questions being raised currently across all sectors of health.

Aimed at all professional groups

An application has been made to the UEMS EACCME for the CME accreditation of AHED courses. For national students ECTS will also be issued by NMS.

AHED'S ACADEMIC COUNCIL

The Academic Council is a strategic body that assures the quality of offer and faculty. Its purpose is to validate AHED's offer, select distinctive experts to coordinate each program, assess all programs designed by the school, while contributing to broadly advance and enrich the educational offer.

All these professionals possess academic experience in health and distinctive competencies; they understand the meaning of innovation, and have a long experience pioneering work in their field of expertise. AHED is thus proud to have Academic Council integrated by the following leading figures:



PhD JOSÉ FRAGATA

Vice-Rector of NOVA University since September 2017, holds a PhD in Medicine and is a Full Professor of Surgery at NOVA Medical School, coordinating the department of Teaching and Research in Surgery and Human Morphology. He leads NOVA saúde, an initiative that congregates a vast array of collaborative research in Health inside Nova, and chairs the University Ethical Council. José Fragata leads the Cardiothoracic and Vascular Department at Hospital de Santa Marta and the cardiac surgical unit at Hospital CUF in Lisbon. José Fragata is a reference in Surgery in Portugal and abroad and was elected President of the AHED's Academic Council.



PhD ANTÓNIO RENDAS

Full professor of Medicine and researcher in respiratory diseases and medical education. Rector of Nova from 2007 to 2017, and President of the Council of Rectors of Portuguese Universities (CRUP) between 2010 and 2014. Currently he holds a title (numbered) chair at the Portuguese National Academy of Medicine and he is also a member of the Steering Committee of UNICA, the Network of Universities from the Capitals of Europe. Since 2017 he is member of the Board of Trustees of Aga Khan University and in 2019 he was voted member of the Board of Trustees of Oriente Foundation and also the only external member of the General Assembly of the Medical School from the University of Coimbra.



PhD HÉLDER MOTA FILIPE

Holds a PhD in Pharmacology and is associate professor at the Faculty of Pharmacy - University of Lisbon, member of the National Ethics Committee for Clinical Research, member of the National Coordination for the Strategy for Medicines and Health Products, member of the Committee for Medicines Evaluation (INFARMED, I.P.). He is the President of the National Council for Cooperation from the Portuguese Pharmaceutical Society. Is also an expert from the European Medicines Agency and was also Vice-president (2005 - 2015) and President (2015 - 2016) of INFARMED, I.P.



PhD JOÃO GOYRI O'NEILL

Full Professor since 2004, Head of Anatomy Department (2008 - 2018). Consultant for Physics and Technology Research Centre, CEFITEC (2004 - 2016). Co-organized over one hundred post-graduate courses with ECTS, with different surgical specialties with Hands On (2008 - 2018). The anatomical specimens used greatly benefited from his studies, improvement in embalming and vascular perfusion techniques with a formol free solution. World reference in anatomical preservation. Registered a patent - Automatic system for arterial infusion techniques [n* 104641, 2009]. Is co-author of more than 300 scientific papers and publications, has 563 citations and was awarded 6 scientific awards.



PhD JÓRGE TORCAL

Emeritus Full Professor of Nova Medical School. Subdirector General of Health within the Ministry of Health, (1994 - 1998). Was Director of the Public Health Department from (1998 - 2018) and Director of the Institute for Hygiene and Tropical Medicine, at Nova (2000 - 2010). Was President of the Executive Board of INFARMED, (2010 - 2012). Vice- President of the Portuguese Red Cross (2005 - 2017) and member of the board of Red Cross Hospital (2005 - 2010; 2012 - 2018), both pro bono. Currently, Director of Escola Superior de Saúde do Alcoitão, owned by Santa Casa da Misericórdia de Lisboa, and President of Portuguese Epidemiological Association



PhD JÖRGEN LARSSON

Professor of Surgery and Dean emeritus, Karolinska Institutet and Senior Advisor and Consultant, Karolinska University Hospital. Was Head of Division of Surgery at Centre of Surgical Sciences/CLINTEC Karolinska Institutet (1994 - 2013). A member of the Nobel Assembly for the Nobel Prize in Physiology or Medicine at Karolinska Institutet (1996 - 2014). Vice Dean of Education and Dean of Higher Education at Karolinska Institutet, (1996 - 2001). Chairman of the Innovation Centre, Karolinska University Hospital (2011 - 2013). Senior Advisor and Consultant of Karolinska University Hospital (2015 - 2016).



MD PEDRO GARCIA

Holds a degree in Medicine from Nova Medical School and is a PhD student. Currently is Invited Assistant at Nova Medical School, Scientific Coordinator of the Paediatrics Simulation Lab at Hospital Dona Estefânia | Nova Medical School. Paediatrics complementary internship training coordinator at Hospital Dona Estefânia. He is also the President of the Portuguese Simulation Society applied to medical sciences (SPSim).

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“It is crucial to encourage health professionals to undertake lifelong learning and develop relevant workplace competencies that can adapt to diverse challenges and populations.”

- World Health Organization.
The world health report 2006: working together for health (2006)

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