



Entrepreneurial and innovation skills for developing the new value chains of mobility, health and manufacturing

# INNOVATIVE IDEAS IN HEALTH PROTECTION

## Innovation Week at ONMedU within the frames of HEI4Future

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Supported by



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# What was done?

- Bearing in mind the education of a person capable to make non-standard decisions and be able to correctly implement ideas, we decided to hold the Innovation Week at ONMedU from 28.11.2022 to 01.12.2022 which included a whole series of events:
- 1. Seminar on the topic: "Commercialization of knowledge in the field of Health Care. How to make money from your knowledge" was conducted by the director of Odesa Regional Center for the Transfer of Knowledge and Technologies, Doctor of Economic Sciences, Natalya Grebennyk.
- 2. At the Round Table, innovative ideas in the field of health care were shared by young scientists, graduate students, applicants and students.
- 3. And the Week ended with a seminar where we learned about the work of the Ukrainian Startup Fund and its opportunities for the development of projects in health care and pharmacy. The seminar was conducted by Maria Krasnoshchok, head of the scientific projects department of the Ukrainian Startup Fund.

# I. IDEAS TO FIND YOUR SUPPORT

## 1.1. "YOUTH INNOVATION HUB" / "Green Economy" elements involvement

- ONMedU is a unique educational institution that was opened in 1900. For more than 120 years of the existence of the educational institution, the number of students increased from 25 to an average of 6,000 per year.
- In addition, the modern innovative age provides opportunities to store and process information in a different way, to learn, to combine, to develop.
- In order to create favorable conditions for the formation of a center of youth science that will be able to unite students and progressive scientific youth, we propose the creation of a "Hub of Youth Innovations" on the basis of the university.
- The above structure of the university enables the youth scientific self-government to realize bold ideas, support budding scientists and encourage students and schoolchildren to study science as a subject of study or a tool in any field and teach them commercial skills.
- A feature of the Hub is that it relies on young scientists and students to ensure its work.

- At the moment, the "Hub of Youth Innovations" project provides for:
  - • Innovative laboratory "Model Crafting office" for creating mannequins, educational models for the needs of the university and commercial activities;
  - • "Tutoring Center" for students and young scientists on a "peer to peer" basis;
  - • "Distance Learning Center" to enable students to practice their skills in all specialties in one place;
  - • "Training center for assistance in emergency situations", which will conduct trainings for various segments of the population;
  - • Conference halls
  - • Common recreation area-campus
  - • Interest clubs
- An important issue is the placement of the above-mentioned components in one place to create the "heart" of youth innovation, which may involve the creation of a new building project or a complex of buildings with autonomous power supply due to solar batteries, mini-windmills and/or mechanical systems.



## 1.2. "GREEN BUG-WIFI OF THE UNIVERSITY"

- is an autonomous WIFI system powered by solar batteries in the shape of insects, bugs or spiders (the shape is given for the purpose of creating art), which "spread throughout the university" and does not depend on internal power.
- "The light of learning through darkness"

## 1.3. "GREEN TRANSPORT"

It's the university's green car fleet for mobility between university locations or transfer during conferences and other university events.



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## 1.4. “INTELLIGENT GARDEN” OF MEDICINAL PLANTS



- This could be research and recreation area for students and teachers, which supposes creation of a collection of plants in the form of a vertical tiered garden and research laboratories for the creation of a database of their genome and the production of eco-medicines or cosmetics, as well as areas for cultivation plants for research or experiment. Useful and interesting thing under control of the Faculty of Pharmacy.



## 2. "SILVER ECONOMY"

- 2.1. "**SILVER SCHOOL**" (organization of regular lectures for people of the silver age in cooperation with the "University of the Third Age")
- The experience of such cooperation is not new for ONMedU, however, the integration of interactive systems and the encouragement of young people to participate in such projects will help increase the effectiveness of the measures.





## 2.2. "SILVER COMPLIMENT"

- Could be the University's insurance program and software for mobile devices with the purpose of supporting university teachers of the silver age: evaluation of individual health indicators and compliance with the treatment mode



## 2.3. "HEALTHY LIFESTYLE":



- 2.3.1. "STUD FOOD AND RESEARCH" (organization of a student canteen-cafe with an innovative approach to food ("from recipe to shape and color" taking into account the seasons, peculiarities of the educational process (study-exams), etc. and the study of physical, psychological and social indicators)
- This project provides for the creation of interest of young people in a healthy lifestyle, its research and prevention of possible conditions related to overstrain and burnout of medical students and teachers during the academic year. This platform will have the opportunity to cooperate with other educational institutions of Ukraine and foreign institutions and study the needs of the specified community.
- Facilities: kitchen, food laboratory, cafe, recreation and study area.

# II. PROPOSED IDEAS BY HEI4FUTURE FOR IMPLEMENTATION BY ONMEDU

## TEACHING INNOVATION GROUP

- One of the main **challenges** of Ukrainian education system is to ensure the transition of Ukrainian economy and society to the innovative way of development.
- **Main idea** of these Group is to contribute to the improvement of the quality of teaching and the **renewal of the educational model** in ONMedU.
- The **key tasks** are (1) to provide a qualitatively new level of training of specialists, promoters of innovative processes; (2) to help in shaping the innovative educational environment in the university.

# This initiative has the following aims:

- To promote the participation of teaching staff in educational innovation actions.
- Contribute to the creation of a cooperative, interdisciplinary and lifelong learning culture for the professional development of teachers.
- To provide greater recognition, projection and dissemination of the actions as well as the teachers involved.
- To give them a greater projection and dissemination of the activities of educational innovation of the UDC in order to acquire a greater presence in national and international educational forums.
- Contribute to the creation of a cooperative, interdisciplinary and lifelong learning culture for the professional development of teaching staff
- To improve the impact of the teaching-learning processes and, in general, the quality of the education taught at the HEI
- To prioritise the orientation of the teaching staff's work towards achieving results that have an impact on improving the quality of teaching at the HEI.
- To provide greater recognition, projection and dissemination of the actions as well as the teachers involved.

# TEACHING INNOVATION GROUP in ONMedU

has been created on the bases of Society of young scientists of ONMedU.

Members: 5 young representatives of academic staff  
(from different departments).

Coordinator: Borshch Viktoriia



# III. Planned activities for the following period

- Workshops and upgrading of skills in entrepreneurial skills and innovative technologies of **medical staff of Odessa region**  
(starting from December, 2022. 2 groups of 6 peoples each are scheduled for December, 2022 – January, 2023).
- Workshops and upgrading of skills in entrepreneurial skills and innovative technologies of **students of ONMedU**  
(February, 2023. At least 50 students of different master programs).







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For further and updated information about this project please see:  
<https://onmedu.edu.ua/>

## Contacts

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