The Natural History Museum of Crete (NHMC): Bridging environmental education with the community

University & Society series of Lectures
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The launch event of the “Talos - Artificial Intelligence for the Humanities and Social Sciences” project took place in Rethymnon in March 2023.

“Talos” project is funded by the European Commission within the framework of the action HORIZON-WIDER-A-2022-TALENTS-01-01: ERA Chairs, which supports universities and research organizations to attract and retain high-quality human resources, under the supervision of an outstanding researcher (“ERA Chair holder”). The University of Crete aspires to enhance its capacity building in the field of Artificial Intelligence for Humanities and Social Sciences through “Talos” project by establishing a new Center of Excellence, under the supervision of Mr. Christophe Roche, Professor of Artificial Intelligence (AI) at the University of Savoy (France) and ERA Chair at the UoC Department of Philology.

The event started with a video projection inspired by the mythical giant Talos, the first humanoid robot forged by God Hephaestus to guard the island of Crete, followed by a speech by the Scientific Manager of the program, Associate Professor of the UoC Department of Philology and Deputy Director of the UoC Research Center Ms. Melina Tamiolaki. Her speech addressed the challenges of interdisciplinarity and the ways in which the “Talos” project is expected to reinforce interdisciplinary research and education at the University of Crete. Prof. Roche presented the basic principles of Artificial Intelligence in relation to the field of Humanities and Social Sciences, the research structure of the project and discussed critical questions about artificial intelligence and the human-centered character it should have.

Finally, the AI Ethics analyst at the Directorate-General for Research and Innovation (DG RTD) of the European Commission, Mr. Michalis Kritikos, analyzed the measures taken by the European Commission to formulate a “reliable and ethical plan” for the use of AI, such as legislative proposals, White Papers and establishment of committees. He also stressed that the “Talos” project will have an important impact in AI education but also in raising awareness on AI ethics, making the University of Crete “a point of reference in matters of responsible innovation”. 

The TALOS team: from the left, Prof. Katsarou, Prof. Tamiolaki, Prof. Roche & Dr. Papadopoulou
"Talos" is a five-year (2023-2028) research project, based on five pillars:

- Research development
- Training and teaching
- International visibility and outreach
- Sustainability
- Institutional policy reforms

The TALOS Center of Excellence will offer innovative curricula for UoC students in the field of social sciences and humanities, as well as conferences, workshops, open courses and seminars for different groups (the academic community, UoC students, citizens). At the same time, it will attract qualified researchers and encourage collaborations with Greek and international Centers.
The Centre of Greek & Chinese Ancient Civilizations
A new educational alliance between Greece and China

The Centre of Greek & Chinese Ancient Civilizations was founded in early 2022 and was the result of a new partnership between the University of Athens, the Aristotle University of Thessaloniki, the University of Patras and the University of Crete.

The Centre aims to promote the comparative study of the ancient civilizations of Greece and China through a series of actions, such as the publication of classic texts of ancient Chinese philosophy and contemporary studies on ancient philosophy and science. In this framework, a series of lectures, summer schools, workshops and conferences are organized, as well as the establishment of scholarships and educational exchange programs. The University of Crete participates at the interdisciplinary MSc “Greek and Chinese Civilizations: a comparative approach” and organized the international hybrid workshop on “Health and Healing in Ancient Greece & China” in February 2023 and a series of lectures and open courses offered in the spring semester at the UoC School of Philosophy. Furthermore, the University of Crete co-organizes an international summer school titled “The Seeds of Virtue in Ancient Greece & China”.

The actions of the University of Crete and of the other participating Universities were presented at the inauguration ceremony of the Centre of Greek & Chinese Ancient Civilizations in Athens (February 2023). The event was attended by the Vice-Presidents and Ministers of Education from both countries who expressed their keen interest for further collaborations and new educational projects.

Snapshot from the inauguration ceremony of the Centre of Greek & Chinese Ancient Civilizations in Athens, February 2023
You are a member of the Research Ethics Committee of the UoC. Which issues related to research ethics and integrity do you think are of importance for a Higher Education Institution (HEI) today?

There is an abundance of evidence and our project DEFORM: Define the global and financial impact of research misconduct (2016-2018) confirmed it, that the changing landscape of higher education and research pressures individuals and institutions to meet ‘performance’, ‘productivity’ and innovation demands and simultaneously secure funding, teach, supervise, disseminate, network, advance their careers, maintain a balance between personal and professional life, give back to the community. Regrettably, this context provides a sub stray for various forms of misconduct. What is imperative is for HEI to safeguard the rights, freedoms, security, dignity and integrity of students, researchers, faculty, staff, research participants and research partners along with the local communities and the general public. Research shows that there is a growing concern over the processes and procedures that could potentially create and maintain working and research environments, minimizing and protecting against the impact of inequalities and power structures.

Admittedly, this is an extremely challenging but essential task. Research Ethics Committees and Research Integrity Committees acting as peer review groups in collaboration with researchers and institutions can, at least partially, contribute towards this end.

As Director of the Gender Lab and a member of the Gender Equality Committee, how do you apply/disseminate research results within the university community and the local community?

Gender has been the analytical category of my research ever since my graduate studies, while feminist theory in its intersectionality my interpretive and explanatory theoretical perspective. To that extent, on a personal level, dissemination of research results on gender and intersectionality is part of my teaching, research, publications, supervision and mentoring of students. On team level, the Gender Lab regularly hosts national and international post-doctoral researchers and students, organizes conferences and lectures, provides support for post-graduate and doctoral students and participates in research projects. Ever since its establishment the Gender Lab has made significant efforts to liaise with
In your opinion, what is (or should be) the role of the University as part of society? Can Universities overcome differences in experience caused by class, education, gender, ethnicity, race etc to successfully address urgent societal challenges and become a vehicle for radical change?

I do believe that Universities have the potential to overcome differences and inequalities and become a vehicle for radical change. Although they cannot claim exclusivity in knowledge and critical thinking, they are in a somewhat elevated position to implement theoretical and empirical tools of critical thinking, examination and evaluation of social life, science etc. Consequently, they can (re) define problems and propose solutions that can lead to inclusion, equality, overcoming social divisions and meeting of societal challenges. However, they can do nothing of the above on their own. Continuous collaboration with social partners and a significant, generous support of the State respectful of their independence of autonomy, is a sine qua non condition.
It is commonly accepted today that knowledge produced within the walls of Higher Education Institutions achieves added value when it is connected to the needs of contemporary society. For universities to perform their unique function as enablers of change, they need to embrace different standpoints and experiences by creating alliances with society. The University of Crete maintains strong ties with the local community since its foundation and has been the incubator and spinecord of numerous research, scientific and cultural structures that are now integrated into the society of Crete: the Foundation for Research and Technology, the Hellenic Centre for Marine Research, CretAquarium, the Natural History Museum of Crete, Skinakas Observatory, Finokalia Atmospheric Observatory, the University of Crete Research Center (UCRC), the Museum and archaeological site of Eleftherna, as well as numerous student groups, associations and initiatives coordinated by the different UoC departments. The University of Crete closely cooperates with the local government, contributing to research and development programs that target the wellbeing of civilians, environmental issues and the local economy.

In this issue we present only some of the ways the University of Crete is interacting with the society of Crete, as in reality the research programmes, initiatives and structures are many more.
“The University in Society” series of lectures is organized annually by the UoC School of Social Sciences and the Research Laboratories integrated in University of Crete Research Center (UCRC), in cooperation with the Regional Unit of Rethymnon and the Municipality of Rethymnon. The partnership is based on the long established alliance between the University of Crete and the city of Rethymnon and their shared goal for mutual support and fruitful interaction.

The “University and Society” lectures have two main objectives:

- To disseminate contemporary scientific achievements and issues of social importance by making them accessible to citizens and encouraging their active participation
- To inform the university community about social needs, concerns and problems expressed by the participants in the lectures, which can be the subject of future research.

The lectures are presented by distinguished professors and researchers of the University of Crete as well as distinguished scholars from other Universities, research centers and organizations. Lectures are always followed by a discussion with the audience, with the assistance and mediation of young scientists and researchers from different disciplines. Presenters invite participants to broaden their knowledge and reflect on contemporary issues that influence society, politics and economy.

The following topics have been covered by the “University and Society” series of lectures so far:

- “Society and the climate crisis” - April 3, 2023
- “Mental health in the community” - February 13, 2023
- “Longevity and well-being: living longer, living better” - December 12, 2023
- “Crises, Social Inequalities and Social Policy” - October 31, 2023
- “The Challenges of the Climate Crisis for Crete and the World” – June 27, 2022
- “Mass Tourism and Sustainable Development: The Day Ahead” - May 16, 2022
- “Surveillance and Personal Data in the Pandemic and beyond” - March 21, 2022
- “Labour Market, Precariousness and Social Vulnerability” - February 7, 2022
- “The private and public sphere: Dimensions of gender and domestic violence”
- “University of Crete and Society: Interactions, Challenges, Prospects” - October 25, 2021

The UoC Organizing Committee of the “University and Society” lectures consists of Professor George Panagis - Dean of the School of Social Sciences, Alexandra Zavvou - Professor at the Department of Sociology, Evangelos Karademas - Professor at the Department of Psychology, Daphne Nicolitsas - Professor at the Department of Economics, and Nikolaos Papadakis - Professor at the Department of Political Science.
The Natural History Museum of Crete (NHMC): Bridging Environmental Education with the Community

The Natural History Museum of Crete (NHMC) operates under the supervision of the University of Crete since 1980, and is considered a pioneer institute at national and European level in the following areas:

- The study and management of the natural environment of Crete
- Public awareness, education and environmental sensitization of the local community and visitors
- Connecting University activities with the Cretan society
- Setting up a network of Ecological Museums in Greece and throughout the Eastern Mediterranean

The NHMC is well-known to the residents of Heraklion, since it hosts a variety of events, workshops, conferences, educational activities and even a summer camp for young kids, making it a part of Heraklion’s everyday life and society. Education is one of the highest priorities for the Natural History Museum of Crete and most activities organized are addressed to children and families. The Museum also hosts Darwinian Mondays, a series of lectures on a variety of subjects that connect sciences with contemporary societal issues and explain complex scientific theories and practices in an accessible manner, open to the citizens of Heraklion who are always invited to participate in discussions.
The Stavros Niarchos Discovery Center

The Stavros Niarchos Discovery Center in the Natural History Museum of Crete is specially designed for children up to the age of 15. It is where cutting edge technology is combined with more traditional educational methods, in order to make the learning process more appealing to children.

All educational activities are taking place in a set designed to the detail, to imitate the natural environment of the east Mediterranean, with emphasis on the island of Crete.

The NHMC has five strategic priorities:

1. **Bridging NHMC with Formal and Informal Education**: since 1998, the NHMC’s Educational team has developed a large number of educational workshops addressed to school groups of all ages, connecting NHMC with school curricula and families. Contemporary methods of learning together with ICT are mainly used: inquiry based learning, theatrical games, creative manufacturing, observation exercises, games etc. Apart from the workshops, NHMC supports scientific projects of environmental education, which take place at schools. Furthermore, many schools have already participated actively in educational actions of research projects undertaken by NHMC.

2. **Lifelong Learning**: in the NHMC Centre for Environmental Training (NHMC-CET) approximately 2000 teachers and other professionals have been trained, up to now, on Environmental and Pedagogical issues.

3. **Volunteering**: by activating young, older members and families of the club “Friends of the Natural History Museum of Crete”, who take part in several indoor and outdoor activities.

4. **Awareness of People with Special Needs**: with specialized workshops.

5. **Development of educational packages** for the Greek and Eastern Mediterranean natural environment.

UNIVERSITY & SOCIETY
The Chemistry Outreach Group (COG) of the University of Crete has developed an active community-oriented program, dedicated to inspiring young minds and intriguing them about Chemistry. The COG’s mission is to engage with society and showcase, primarily through live demonstrations, various real-life applications of chemistry related to our everyday lives. COG members believe that by exploring in depth the way chemistry influences the world around us, they can inspire a new generation of scientists and innovators.

The COG members include faculty, laboratory teaching staff and motivated students, both graduate and undergraduate, from the UoC Department of Chemistry. Together, they design and implement a broad variety of interactive outreach activities, including tailor-made lectures and fun experiments that aim to assist the public, particularly school students and young people, get a better understanding of science and its impact on society.

Over the years, the COG has made significant contributions to the community through various outreach programs. In the current academic year, 2022-23, they have already organized two “Chemistry Department Open Day” events (November 2022) for high school students. Over 300 students from 12 schools all around Crete visited the Chemistry building at Voutes campus in Heraklion and enjoyed finding out information about the Department and listening to a short lecture presenting aspects of the Science of Chemistry, before taking a tour around the department, visiting research labs and learning about experiments and state-of-the-art equipment. The highlight of the visits was evidently the live demonstrations of chemistry experiments, presented by UoC students and members of the COG.
A number of hands-on laboratory sessions were organized throughout the year at the Greek SOS Villages as well as in primary schools, presenting experiments that offer joy to many young kids who have their first contact with Chemistry. These events have not only educated and inspired young minds but were also embraced with enthusiasm by the local community. In addition, a series of interactive chemistry experiments, addressed to young children, were presented during an open day event at the Natural History Museum of Crete (March 11, 2023), in Heraklion, offering young children the opportunity to witness breathtaking experiments.

This forthcoming summer, the COG will be present at the annual Children’s Festivals, organized by the cities of Agios Nikolaos and Ierapetra, to give the opportunity to students and people from all around Crete to experience chemistry workshops and live experiments.

The COG is committed to making a positive impact through innovative outreach programs by sharing the passion for chemistry and its applications. The COG members hope to inspire a new generation of scientists by motivating them to drive innovation and scientific progress for the years to come.

Current COG members

Ioannis Pavlidis, Maria Fouskaki, Antonios Kouvarakis, Ioannis Metaxas
Michail Kalogerakis, Aliki Fotiadi, Mariliza Zantioti, Eugenia Papastefanaki, Paria Anastasiou
...and a great number of undergraduate students!

COG is supported by the Association of Greek Chemists and Region of Crete

Photos @ M. Kalogerakis
Science is at the heart of everyday life and offers us theories and interpretations of how the world works from the largest scale (the Universe) to the smallest (the microcosm). The “Science in the City” center was founded by the Science Teaching Lab of the UoC Department of Primary Education in collaboration with the Municipality of Rethymnon, in order to introduce the wonderful world of science to the local community. The “Science in the City” center is located at the old town of Rethymnon and hosts exploratory activities on science concepts and phenomena using new technologies and groundbreaking educational tools. The activities are addressed to students of different ages and educational needs and have been developed by undergraduate and postgraduate students and PhD candidates of the Department of Primary Education in the framework of research projects. The Center also organizes a variety of events around science education, such as the “Natural Sciences Festival” in Rethymnon. The “Science in the City” initiative connects science to everyday life and experience by focusing on subjects closely related to contemporary human activity: human health, the environment, commonly used technological tools and applications that facilitate our lives. Ultimately, the “Science in the City” initiative aims to educate, inform, inspire and motivate young people to learn more about natural sciences, as science education is the key to a prosperous and sustainable future.

This year, the “Natural Sciences Festival” will take place on May 6-7, 2023, at the old city of Rethymnon.
The “MOVING” Project in Crete

MOVING (MOuntain Valorisation through INterconnectedness and Green growth) aims to build capacities and co-develop policy frameworks across Europe for the establishment of new or upgraded value chains that contribute to the resilience and sustainability of mountain areas through a bottom-up participatory process that involves value chain actors, stakeholders, and policymakers.

The MOVING Community of practice (CoP) is a European-wide Science-Society-Policy interface that engages stakeholders on issues of resilience to climate change of mountain value chains at different territorial levels (regional and European) in order to exchange ideas and experiences. In practice, the CoP includes 23 regional Multi-Actor Platforms (MAPs) established at the 23 Reference Regions and one European-level Multi-Actor Platform (EU MAP).

In Crete, the “MOVING” project is coordinated by the University of Crete (Market and Entrepreneurship Research Unit) in collaboration with the Region of Crete and focuses on carob flour as a unique agri-food product of the island and the innovative prospects it creates for youth entrepreneurship, economic growth, as well as for cultural and environmental sustainability. The research emanating from the CoP focuses on the sustainability of mountainous and semi-mountainous areas of Rethymnon and how value chains such as carob flour through community dialogue amongst diverse stakeholders and the exchange of expertise can strengthen ties and valorize agri-food value chains, despite the numerous challenges village communities are confronting. Thus far, a series of meetings and workshops focusing on the mountainous and semi-mountainous regions of Rethymnon and the agri-food sector involving farmers, researchers, policymakers, and young people from the village communities have actively participated in dialogue, need and problem clarification and foresight analysis.

The “MOVING” project is funded by the “HORIZON 2020” program and coordinated by the University of Córdoba (Spain), involving a multi-actor and interdisciplinary Consortium of 23 partner organizations (research centers and institutes, industry representatives, rural developers and innovation agents) from across Europe.
Mount Ida (Psiloritis) is the highest mountain of Crete and a symbol of the island’s pastoral life that greatly defined the economic, social and cultural wealth in the mountainous regions since ancient times. The pastoral culture of Ida embraces a wide field of unwritten institutions and rituals, techniques, and customary practices, which have formed a perennially active social network: the shepherds of Psiloritis. The pastoral experience is summed up in the term “shepherding”, familiar to the local population, and is part of the intangible cultural heritage in the communities of Ida. The project “IDAology: The pastoral experience in the communities of Ida (GEOPARK PSILOREITI) as an augmented reality experience and a digital repository of the Intangible cultural heritage of the mountain”, aims to collect, record and return to the local and global community the special characteristics of the pastoral activity and culture of the shepherds of Mount Ida as digital artifacts. IDAology further investigates different aspects of pastoral life and mountainous Cretan culture, such as gender dynamics and the contribution of women in activities related to shepherding.

The project is based on close interaction and cooperation with the people who live and work in the mountainous environment of Mount Ida and will produce the following deliverables:

1. A research repository as a digital database about the shepherd’s life which will include living narratives, recording the action and everyday elements that makeup shepherding.
2. A virtual reality software application (in a 360-degree digital environment) that will give everyone the opportunity to be transported to the natural environment of Mount Ida, experiencing as an active observer the complex reality of shepherding.
3. A book for students and children where modern technological means of augmented reality will bring to life scenes of heroic traditions of the mountains and its timeless protagonist, the shepherd.

“IDAology” project is implemented in the framework of the Action RESEARCH — CREATE — INNOVATE of the General Secretariat for Research and Innovation and co-financed by the European Regional Development Fund (ERDF) of the European Union and national resources. The consortium of the project consists of the UoC Research Center and the Laboratory of “Optical Anthropology. Image, musical text” and the UoC Gender Lab. IDAology is coordinated by the Institute of Informatics of the Foundation for Research and Technology-Hellas (FORTH) and the Androidus Project Tank based in the village of Anogeia.
The University of Crete is proud to announce a new Erasmus Mundus Joint Master Degree in Resilience in Educational Contexts -EMJM FLOURISH. This two-year full-time program aims to promote the role of educators and practitioners in creating resilience enhancing contexts for children growing up in adverse and marginalized circumstances. The program is funded by the EU from 2022 to 2028 and includes scholarships for students for 4 cohorts entering the program.

The nurture of resilience in children and young people, especially from vulnerable and marginalized backgrounds, not only promotes equity and inclusion but also ensures that school students will be offered the opportunity to “flourish” academically, socially and emotionally. The post-COVID-19 era revealed the importance of mental health, wellbeing and resilience in education, and brought up equity issues particularly for vulnerable children.

This innovative and internationally unique Erasmus Mundus Joint Master Degree program aims to build the capacity of educators and practitioners to focus on the strengths of their students and build their assets within protective contexts in order to equip them with the necessary skills to address the challenges not only in their education but in their personal development as well.

The University of Crete together with the University of Malta (leading partner), the University of Lisbon, Portugal and Stefan Cel Mare University, Suceava, Romania, will deliver collaboratively the EMJM FLOURISH. In addition, the program is supported by six other associated partners (Dalhousie University, Canada, University of Rijeka, Croatia, University of Pretoria, South Africa, Orebro University, Sweden, University of Sao Paolo, Brazil, and the European School Psychology Training Centre). Professors Michael Ungar (University of Dalhousie, Canada) and Linda Theron (University of Pretoria, South Africa) both international leaders/experts in Resilience of Children and Youth are involved in this Joint Master which adds to its international reputation.

EMJM Flourish introduces a new type of Joint Master at the University of Crete, making it a leader in applied psychology, education and prevention programs in schools; and syncs very well with the international profile of the University of Crete, which promotes a global education and leadership role in attracting international students in Greek Higher Education Institutions.

EMJM Flourish Joint Master will be implemented through the School Psychology Research Unit of the Research in Psychology Lab of the UoC Department of Preschool Education.

Scientific coordinator of the Joint Master on Resilience in Educational Contexts for the University of Crete is Associate Professor of School Psychology Anastassios Matsopoulos in collaboration with Sofia Triliva, Professor at the UoC Department of Psychology and other associates.

The EMJM Resilience in Educational Contexts starts in October 2023 at the University of Malta and the University of Crete will welcome the first cohort of students in the spring semester of 2024. The program includes mobility at three different Universities, while in the last semester a dissertation is planned.

“The EMJM FLOURISH is cutting edge as a European Master’s program and as a joint collaboration of four European Universities it delivers an international innovation in terms of its focus and applications for the field of Education and Psychology. In short, this is a groundbreaking global initiative in action!”

Assoc Prof. Matsopoulos Anastassios

Dr. Matsopoulos is permanently certified school psychologist in the US (New York), Greece and Cyprus, as well as an international scholar and global consultant of school psychology and education in various countries such as Italy, US, Canada, Latvia, Cyprus, India, Peru.)

Erasmus Mundus Joint Master’s degree in Resilience in Educational Contexts -EMJM FLOURISH has been accredited by the Hellenic Authority Higher Education (HAHE) ensuring its international quality.
Deborah James Matiku: A Transformative clinical elective in Crete

"Embarking on a medical school rotation in the University of Crete was an extraordinary opportunity that provided me with invaluable insights, unforgettable experiences, and a deeper understanding of healthcare in a new cultural setting. Crete, with its rich heritage, outstanding facilities, and warm hospitality, proved to be the perfect destination for an immersive and fulfilling educational journey.

One of the most remarkable aspects of my clinical elective rotation in Crete was the chance to work alongside highly skilled healthcare professionals. The medical staff of the University Hospital of the UoC School of Medicine was not only knowledgeable but also incredibly welcoming, allowing me to actively participate in patient care and various medical procedures. The hands-on experience I gained was invaluable, enabling me to sharpen my clinical skills and broaden my medical knowledge.

The University of Crete medical infrastructure, equipped with state-of-the-art facilities and advanced technology, greatly impressed me. The hospital was well-organized, clean, and efficiently run, emphasizing the island’s commitment to providing top-notch healthcare services. The opportunity to observe and assist in complex cases further deepened my understanding of various medical disciplines, and I was constantly encouraged to ask questions and engage in discussions that expanded my perspective.

Beyond the medical realm, Crete’s cultural heritage and natural beauty added a remarkable dimension to my clinical elective experience. During my free time, I immersed myself in the island’s rich history by exploring ancient ruins, such as the Palace of Knossos and visiting museums that showcased Crete’s significant contributions to medicine and healthcare. Additionally, the breathtaking landscapes, pristine beaches, and idyllic villages offered a much-needed respite, allowing me to unwind and rejuvenate after intense rotations.

The warmth and hospitality of the Cretan people made my stay even more memorable. Whether it was engaging in conversations with locals, bonding with fellow medical students from different countries, or enjoying traditional Cretan cuisine, I always felt a sense of belonging and acceptance. The genuine friendliness and openness of the community fostered a supportive environment that enhanced my overall experience.

In conclusion, my clinical elective medical school rotation in Crete was a truly transformative journey. The hands-on learning opportunities, state-of-the-art facilities, cultural immersion and warm hospitality combined to create an experience that surpassed my expectations. I am really grateful for the knowledge and skills I acquired, the lifelong friendships I forged and the memories that will stay with me throughout my medical career. Crete, with its unique blend of medical excellence and captivating charm, is an ideal destination for any aspiring medical professional seeking a remarkable and fulfilling educational experience”.

Deborah James Matiku is a medical student from Kenyatta University in Nairobi who completed a medical internship in the framework of the Clinical Elective Program of the UoC School of Medicine during the spring semester 2023.
The University of Crete organises a series of cultural events between March and July 2023 at Gallos Campus in Rethymnon. The programme includes free theatrical performances, a book exhibition, photography exhibitions, film screenings, choral music, discussions and more.

March 27, 28 & 29
8th “Antivaro” Theatre Festival theatrical performances with free entrance for students and the general public, in the frame of the International Theatre Day

April 25, 26 & 27
8th Book exhibition on the occasion of the World Book Day hosted by the House of Culture. The exhibition presents books written by faculty members of the Rethymnon Schools and aspires to introduce the reading public to the work of prominent UoC professors, creating a bridge of communication between the University and the city of Rethymnon.

Exhibition Manager: Dr Marianna Kalaitzidaki, Department of Primary Education.

May 5
Film screening “How to train an Antihero”
A performance by a group of young adults with disabilities supported by the "Accessibility in Art" programme of the Hellenic Ministry of Culture. Our protagonists are 12 young people with intellectual disabilities, autism, Down's syndrome and motor disabilities.

May 11 & 12
Opera, Georges Bizet’s “Carmen” at the Cultural Center of Heraklion
The UoC students, teaching staff and administrative staff have the opportunity to attend the opera “Carmen” by G. Bizet at the Heraklion Cultural and Conference Center.

May 24 - June 14
Photo exhibition, “Street memories: Demonstration as cultural production through the photographs of the Serge Collet archive”
The exhibition includes unpublished material from the archive of the French anthropologist Serge Collet, which has been donated to the University of Crete by his wife Barbara Collet, after his death. The exhibition focuses on the demonstrations that took place in Paris in the 1970s, and in particular the steel workers’ protest in Paris on March 23, 1979. The exhibition is curated by the UoC Department of Philosophy and Social Studies, in collaboration with the Panayotis and Effie Michelis Foundation.
June 5

**World Environment Day, Seeking a Sustainable City**
In May 2023, students will be invited to photograph sustainable practices in the city of Rethymnon and accompany them with a short essay explaining the rationale behind each photo. The photos will be displayed in a Digital Photo Exhibition at the UoC website on World Environment Day (June 5).

June 2023

**Concert by the UoC Choir of Rethymnon Schools**
A panorama of 20th century Greek music by the most important Greek composers. The choir is composed of students, administrative staff and faculty members of the University of Crete. The date and venue of the event will be announced.

June 26-30

**Reunion meeting of UoC graduates from the Schools of Rethymnon**

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VOUToPIA Festival presents a series of cultural events organized by the student groups of the University of Crete in Heraklion in the last week of May 2023. All events take place in the outdoor spaces of the UoC Student Center. VOUToPIA Festival is free and open to all, reflecting the belief of its students that the university belongs to the whole society and should be open, accessible and inspiring.

**Monday May 22**

**Thursday May 25, 20:30**
Drive-in Cinema – Spring Awakening (2015), a film by Konstantinos Giannaris

**Friday May 26**
- TBA // Roots Reggae Selections (Vinyl set)
- Hip-Hop Live with: SAIKO Smoka & DeadMic
- Pre & After DJ Sets w/ Ouroboros Ofis, Feta Nagasaki Ben the Law Stef
- the Ref’Vagelion

**Saturday May 27**
LIVE music:
- Kooba Tercu
- Mellow Lizard
- The Booms
- Hemingways

Live performances and screenings are organized by the UoC radio station, the UoC Music Group and the UoC Cinema Group with the participation and support of other student groups and individuals active in the UoC student center.
Distinctions

Important distinction for UoC Professor Kostas Vlasopoulos

An important distinction for the Associate Professor of Ancient History Kostas Vlasopoulos at the UoC Department of History and Archaeology, who was selected for funding from the competitive European ERC Advanced Grant 2022 funding programme. This category of the European Research Council grants is awarded to renowned researchers who have demonstrated significant scientific achievements over the last decade. It is worth noting that this is the only funding from this category awarded to Greek researchers. The project of Prof. Kostas Vlasopoulos, titled “SLaVE-gents: enslaved persons in the making of societies and cultures in Western Eurasia and North Africa, 1000 BCE - 300 CE”, aspires to be a pioneering contribution to the study of antiquity, shifting the focus of research from the elites to the lower classes. The project will be carried out by an international research team of 19 people under the supervision of Prof. Vlasopoulos and the Institute of Mediterranean Studies in Rethymno, with collaborating researchers from Brazil, Britain, France, Germany, France, Germany, the USA, Italy and the Netherlands.

The UoC student group “PsychoNegotiators” win the 1st prize at the Athens Negotiation Tournament (ANT)

The UoC student group “PsychoNegotiators” won the 1st prize at the final phase of the competitive Athens Negotiation Tournament (ANT) for students, which took place on the 22nd and 23rd of April 2023 in Athens. “PsychoNegotiators” group competed with 18 teams at the final phase of the ANT competition. The aim of ANT, organized by the Department of Business Administration and Management of the Athens University of Economics and Business (AUEB), is to connect young people with the modern business world and to cultivate their critical and negotiation skills. Congratulations to our students and many thanks to the Professors of the UoC Department of Psychology Mrs. Panagiota Dimitropoulou and Mr. Alexandros Arvanitis for their support and guidance throughout the competition processes.

Faculty members of the UoC Department of Psychology: From left, Zenobia Leimonia, Alexandros Arvanitis, Galini Lazarakou, Panagiota Dimitropoulou and Antonis Petris.
Two UoC researchers win the L’Oréal-UNESCO 2022 Awards for women in science

L’Oréal Hellas and the Hellenic National Commission for UNESCO, faithful to their commitment to actively support women in science, awarded three more outstanding Greek women scientists, active in research in the fields of Medicine, Biology and Chemistry. Two of the awarded researchers are Professors and Researchers of the University of Crete:

Eleni Vergadi, Assistant Professor of Pediatrics at the UoC School of Medicine, received the award for her research project titled “Mechanisms of phagocyte immune defense against pathogenic microorganisms during the early stages of life”.

Ioanna Keklikoglou, Assistant Professor at the UoC Department of Biology received the award for her research project titled “Investigation of new combined therapeutic approaches for the treatment of chemoresistant breast cancer”.

Award for the best doctoral thesis from the Hellenic Astronomical Society 2023 to Raphael Skalidis

Raphael Skalidis will receive the Award for best doctoral thesis from the Hellenic Astronomical Society on June 25, 2023. A graduate of the UoC Department of Physics, Raphael Skalidis completed his PhD thesis at the University of Crete and the Institute of Astrophysics of the Foundation for Research and Technology (FORTH) in September 2022, titled “Estimating of the magnetic field strength in the interstellar medium”, under the supervision of Prof. Konstantinos Tassis. As of November 2022, Rafael Skalidis is a post-doctoral researcher at the Department of Astronomy, California Institute of Technology - Caltech (USA).
3/3 Lecture: “Promises of Immortality: Critical Introduction to Transhumanism and Technical Metahumanism”

The Greek Philosopher Theofanis Tassis, Professor at the Alpen-Adria Universität in Austria and visiting Professor at the Universität St. Gallen in Switzerland, presents a lecture titled “Promises of Immortality. A Critical Introduction to Transhumanism and Technical Metahumanism” in the framework of the open courses provided by the UoC Computer Science Department. The lecture investigates the basic characteristics and central concepts of transhumanism and technical transhumanism, as well as the similarities and differences between them. Focusing on the importance of immortality, a critique of both is presented from the perspective of digital humanism.

6/3 7th Online meeting of the Teaching and Learning Centre/TotT

The Teaching and Learning Centre (TotT) of the University of Crete and the Training of the Trainers Committee co-organize the 7th online meeting for the academic year 2022-23 titled: “Creating a culture of psychological safety in the classroom by leveraging soft skills”. Presenter: Katerina Mpoulgari, PhD candidate of the UoC School of Medicine.

8/3 3rd Research Seminar of the Joint Seminar Series in Translational and Clinical Medicine

The 3rd Research Seminar of the Joint Seminar Series in Translational and Clinical Medicine, co-organized by the UoC School of Medicine, the Foundation for Research and Technology (FORTH) and the UoC Research Centre (UCRC), is presented by Emeritus Professor of Psychiatry at the UoC School of Medicine Alexandros Vgontzas and is titled: “Phenotyping of chronic insomnia based on objective sleep measures: Diagnostic and treatment implications”.

10/3 Online Friday Meetings, Division of Classical Studies

The Division of Classical Studies of the UoC Department of Philology hosts Prof. Ariadni Gatziou-Tatti (University of Ioannina) who will present a lecture on “Asylum and political power: from Aeschylus to the modern world” in the framework of the spring semester online Friday Meetings.

10/3 Open Lecture from the Computational Linguistics and Language Technology Lab

The Computational Linguistics and Language Technology Lab of the UoC Dept of Philology organizes an open lecture on "I See What You Mean: A Practical Guide to NLP Visualisation". Speaker: Prof. Mahmoud El-Haj (University of Lancaster).

11/3 2nd online lecture of the thematic series of discussions on “HUMAN-CENTERED ARTIFICIAL INTELLIGENCE”

The UoC Department of Primary Education and the Laboratory of Advanced Learning Technologies in Lifelong and Distance Education organize the 2nd online lecture of the thematic series of discussion on Artificial Intelligence: “Pedagogical Dimension. The use of Chat GPT in education”. Speaker: Prof. Panagiotis Anastasiadis.
The UoC Knowledge Transfer Office in collaboration with the Master’s program in Business Economics TIME-MBE, organize the 7th online seminar for the academic year 2022-2023 titled “The Ubiquity of Urgency and the Limits of RRI”. Presenter: Stephen Hilgartner, Professor at the Department of Science & Technology Studies, Cornell University.

The 3rd Research Seminar of the Joint Seminar Series in Translational and Clinical Medicine co-organized by the UoC School of Medicine, the Foundation for Research and Technology (FORTH) and the UoC Research Centre (UCRC), is presented by Aristides Tsatsakis, Professor of Toxicology at the UoC School of Medicine & Elisavet Renieri, PhD, ERT and is titled: “Telomeres as Biomarkers of metabolomic health and aging under the frame of RLRS”.

The UoC School of Medicine organizes an educational day for high school students, in the framework of the International Brain Awareness Week. The event is organized in collaboration with the UoC Museum of Medicine with the support of the Liaison Committee and Directorate for Secondary Education in Heraklion Crete.

The Natural History Museum of Crete (NHMC) and Doctor of Mathematics Vangelis Fragiadakis present an exciting educational performance for children, encouraging them to explore the natural world with an open mind and curiosity and enjoy the study and exploration of science, technology, engineering and mathematics. The performance is approximately 60 minutes long and is addressed to primary and secondary school students, their teachers and parents!

The UoC Department of Primary Education and the Laboratory of Advanced Learning Technologies in Lifelong and Distance Education organize the 3rd online lecture of the thematic series of discussions on “HUMAN-CENTERED ARTIFICIAL INTELLIGENCE” on "The art of writing in the Age of Artificial Intelligence: THE END OF WRITERS?”. Speakers: Mr. Sergios Theodoridis, Professor Emeritus at the University of Athens, Manos Kontoleon, literary critic & writer, and Stefanos Tzanakis, journalist and publication consultant.
Lecture Series: “Justice in the age of crises”

In recent years, the institution of justice is very often at the center of both public interest and scientific dialogue. The UoC School of Social Sciences organizes a series of lectures with the general title “Justice in the age of crises”. The first meeting is on “Justice and elit crimes: corruption, financial and organized crime”. Speakers: Sofia Vidali, Professor of Criminology and Anti-Crime Policy at the Department of Social Anthropology of Panteion University, and Margarita Gasparinatou, Assistant Professor of Criminology and Anti-Crime Policy at the Department of Social Policy at the Democritus University of Thrace.

Erasmus+ Internship Day in Voutes Campus

The UoC Department of Materials Science and Technology in collaboration with the UoC Department of International Relations in Heraklion organize an “Erasmus+ and Internship Day” for students, connecting them with graduates who have participated in the Erasmus+ Traineeship programme and now work in various countries abroad and private companies active in the Department’s Internship Program. Students will have the opportunity to discuss, share experiences and network with graduate students and representatives of companies, with the aim of finding an institution to complete an Erasmus+ Internship related to their academic interests.

Masterclass on “New Technology Ventures”

The UoC Knowledge Transfer Office in collaboration with the Master’s program in Business Economics TIME-MBE, organize an online masterclass on “New Technology Ventures”. Presenter: Peter Gianiodis, Professor of Strategy and Entrepreneurship, Duquesne University.

“Brain modus operandi” event

The Hellenic Society for Neurosciences, the Neuropsychology Laboratory of the Department of Psychology and the UoC Research Centre (UCRC) organize an event in the framework of the Brain Awareness Week titled “Brain modus operandi”. The event includes the following lectures:

- “From neuronal activity to perception and the action” - Speaker: Emmanuel Froudarakis, Assistant Professor of Physiology-Neurophysiology at the UoC School of Medicine
- “The secrets of the addicted brain” - Speaker: Georgios Panagis, Professor of Biopsychology at the UoC Department of Psychology
- “Brain plasticity: What is the role of ageing?” - Speaker: Kyriaki Sidiropoulou, Associate Professor of Neurophysiology at the UoC Department of Biology
- “How to (not) forget” - Speaker: Despina Antipa, Academic Scholar, Neuropsychology Laboratory, UoC Department of Psychology.

Lecture from UoC Dept of History and Archeology

The Department of History and Archeology of the UoC School of Philosophy hosts Dr. Evie Margariti, in the
The following subjects will be presented and discussed:

- “The theory of evolution in modern times”, Nick. Poulakaklis, Director of the Faculty of Science and Technology, Professor at the UoC Department of Biology
- “From matter to meaning. An evolutionary biology approach”, Alexis Kalokairinos, Professor at the Division of Linguistics, UoC Department of Philology.

Coordination: Stella Giakoumaki Director of UCRC, JohnTsiaousis Director of the UoC Museum of Medicine
Natural History Museum of Crete: The nature of light

The UoC Natural History Museum of Crete (NHMC) celebrates the 10th anniversary of the “Luminous Mysteries and Optical Paradoxes” exhibition with a series of events dedicated to Optics. We explore together the wonderful journey of light, from the physics of optics to its application in modern technologies and art and from human and animal vision to optical illusions! The program includes:

- Lecture by Dr. Dimitris Papazoglou, Associate Professor at the UoC Department of Materials Science and Technology on “The Science of Light”
- “Experiment with light” workshop for Primary School pupils
- “Light, shadow and colors” workshop for children aged 4 to 7
- Quizzes for smart solvers!
- Newton’s tornado, an activity for kids and families
- Guided tour for adults

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Speakers: Minas Samatas, Professor Emeritus of Sociology at the University of Crete, and Melina Tamiolaki, Associate Professor at the Department of Philology and Project Manager of “Talos - Artificial Intelligence for the Humanities and Social Sciences”.

10th Meeting of the lecture series “The University in Society”

The 10th meeting of the series of lectures titled “The University in Society” is organized by the UoC School of Social Sciences and the UoC Research Center (UCRC) in collaboration with the Regional Unit of Rethymno and the Municipality of Rethymno on “Society and climate crisis”.

Speakers: Emmanuel Plionis, Professor of Physics at the National Kapodistrian University of Athens & Director of the National Observatory of Athens, and Nikolaos Demertzis, Professor of Political Sociology and Communication at the National Kapodistrian University of Athens. The meeting is coordinated by Ilias Geogantas, Associate Professor and President of the UoC Political Science Department.

Lecture: “Literature and Ecology: From science to movement and fiction”

The Department of Philology organizes an open lecture on “Literature and Ecology: From science to movement and to fiction” in the framework of the postgraduate course “The ideological functions of nature in modern Greek literature”.

4th online lecture of the thematic series of discussions on “HUMAN-CENTERED ARTIFICIAL INTELLIGENCE”

The UoC Department of Primary Education and the Laboratory of Advanced Learning Technologies in Lifelong and Distance Education organize the 4th online lecture on “In the Age of Artificial Intelligence: Social and Humanitarian Dimension”.

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Speaker: Michalis Modinos, activist of the ecological movement.

3/4 8th Online meeting of the Teaching and Learning Centre/TotT

The Teaching and Learning Centre of the University of Crete and the Training of the Trainers Committee co-organize the 8th online meeting for the academic year 2022-23 on “The Jigsaw Teaching Method in Higher Education”. A teaching proposal for the Analytical Biochemistry course.

Speakers: Chrystalleni Hatzicharalambous, faculty member of the UoC Department Chemistry and Kalia Katsamboxaki-Hodgetts, Coordinator of the UoC Teaching and Learning Support Center.


The UoC Department of Philosophy and Social Studies is organizing an international colloquium titled: “True Contradictions in the Laozi?”, in the framework of the actions to promote the study of ancient Greek and ancient Chinese culture.

Speaker: Gary Ostertag (Icahn School of Medicine at Mount Sinai, CUNY Graduate Center).

3-7/4 2nd Meeting of the series of lectures with the general title “justice in the age of crises”

The UoC Knowledge Transfer Office in collaboration with the Master’s program in Business Economics TIME-MBE organize an online masterclass on “Skills for Small Firm Development”. Instructor: Christos Kolympiris, Associate Professor in Innovation and Entrepreneurship, Warwick Business School (WBS). The course presents an overview of entrepreneurship and how emerging innovative firms develop over time, offering good management practice for students and skills for small business development.

4/4 2nd Meeting of the series of lectures with the general title “Justice in the age of crises”

In recent years, justice has increasingly been at the center of both public interest and scientific dialogue. The UoC School of Social Sciences organizes a series of lectures with the general title “Justice in the age of crises”. The 2nd meeting of the series is titled “Issues of penal treatment and reformation of minors”. Speaker: Xeni Dimitriou, judicial officer and former Supreme Court Prosecutor. Olga Themeli, Associate Professor of Forensic Psychology at the UoC Department of Psychology, coordinates the discussion.

5/4 Thematic Seminar on “Inflammation - multidisciplinary aspects”

The Academic Liaison Committee of the UoC School of Medicine, in collaboration with the Institute of Molecular Biology-Biomedicine (IMBB) pf the Foundation for Research and Technology (FORTH) and the UoC Research Center (UCRC) organize an online Thematic Seminar on “Interdisciplinary Approach to Inflammation”.

Inflammation is a common occurrence in many pathological conditions. The purpose of the Seminar is to highlight modern research trends in the field of inflammation such as the immunological mechanisms of the pathogenesis of cancer and hematological diseases, the application of artificial intelligence in the imaging of inflammation and the psychosocial components of human inflammatory diseases. The seminar is coordinated by Georgios Bertsias, Associate professor at the UoC School of Medicine.
26/4  5th Research Seminar of the Joint Seminar Series in Translational and Clinical Medicine

The 5th Research Seminar of the Joint Seminar Series in Translational and Clinical Medicine co-organized by the School of Medicine of UoC, the Foundation for Research and Technology (FORTH) and the UoC Research Centre (UCRC), is presented by Aristides Tsatsakis (Researcher IMBB-FORTH) and is titled: “Protein dynamics to unravel the molecular etiology of human diseases and empower drug development.”

26–27/4  Clinical Tutorial Workshop on congenital CMV

The European Society for Clinical Virology (ESCV) and the European Congenital CMV Initiative, in collaboration with the UoC School of Medicine, co-organize a workshop on congenital CMV infection (cCMV) with the participation of 23 experts from different institutions of Greece and abroad. The aim of the workshop is to discuss recent research findings for primary prevention and diagnosis of maternal infection, non-invasive pre-natal testing for CMV, prevention of vertical transmission and prognosis and treatment of an infected fetus.

27/4  Open Class on Ancient Greece and China: Comparative Approaches

The postgraduate program on Classical Studies of the UoC Department of Philology organize an open course on “China’s fa Thinkers (“Legalists”): Thinkers, Ideology, Impartial Standards” in collaboration with the UoC Research Center (UCRC) in the frame of the actions for the Promotion of the study of ancient Greek and Chinese culture. Speaker: Prof. Yuri Pines (Hebrew University of Jerusalem).