Eastern Mediterranean <u>University</u>



EMU PRESENTS A PLAQUE TO DR. MEHMET İNAN

A plaque of appreciation was presented to Dr. Mehmet Inan, who provided services at the Eastern Mediterranean University (EMU) Health Sciences Faculty between 20 September 2010 and 18 July 2020, by Rector Prof. Dr. Aykut Hocanin. Prof. Dr. Aykut Hocanin thanked Dr. İnan for his contributions to EMU Health Sciences Faculty since its establishment.

Among notable names present at the said event were Dean of Faculty of Health Sciences Prof. Dr. Mehtap Malkoç, Vice Deans Assoc. Prof. Dr. Gülten Sucu Dağ and Assist. Prof. Dr. Seray Kabaran. Prof. Dr. Malkoç, also extended her appreciation and gratitude to Dr. İnan for his selfless services towards the Faculty.



HAND OVER CEREMONY AT EMU FACULTY OF PHARMACY DEAN'S OFFICE

Plaques of appreciation were presented to Assist. Prof. Dr. Mehmet İlktaç, who served as the Dean of Faculty of Pharmacy between 24 June and 22 November 2020 and Vice Dean between 12 April 2018 and 24 November 2020, and Assist. Prof. Dr. Jale Yüzügülen, who served as the Vice Dean of the said faculty between 12 April 2018 and 24 November 2020.

The plaques were presented to the aforesaid academicians at EMU Faculty of Pharmacy by EMU Rector Prof. Dr. Aykut Hocanın, who thanked Assist. Prof. Dr. İlktaç and Assist. Prof. Dr. Yüzügülen for their valuable contributions to the faculty. Present at the said event were EMU Vice Rectors Prof. Dr. Hasan Demirel and Assoc. Prof. Dr. Deniz İşçioğlu, EMU Faculty of Pharmacy



Dean Prof. Dr. Müberra Koşar and EMU Faculty of Pharmacy academic staff members.

Prof. Dr. Müberra Koşar Becomes the New Dean of EMU Faculty of Pharmacy Prof. Dr. Müberra Koşar has been appointed as the Faculty of Pharmacy Dean. Having joined the EMU Faculty of Pharmacy in 2016, Prof. Dr. Müberra Koşar stated that she will try to fulfill her duty in the best way possible. Prof. Dr. Koşar also thanked Assist. Prof. Dr. İlktaç and Assist. Prof. Dr. Yüzügülen for their contributions and services to the faculty.

NEW TAXI APPLICATION NAMED "DAXICI" FROM EMU STUDENTS

Eastern Mediterranean University (EMU) Facultly of Business and Economics, Business Administration Department, International Trade and Undergraduate Program Business student Burak Bilgen and EMU Faculty of Engineering, Computer Engineering Department, Software Engineering Undergraduate Program student Hasan Taylan Bilgen launched the first taxi application "Daxici" in Famagusta, the Turkish Republic of Northern Cyprus.

Burak Bilgen and Hasan Taylan Bilgen, who stated that they witness the difficulty experienced by the passengers to reach ta taxi in daily life and the taxi driver to reach the passenger, decided to develop an application that could solve this problem together by establishing a company in Technopark.

"Customers Can Make Choices"

The young entrepreneurs stated that they aim to develop a 100% safe online taxi application system. Burak Bilgen said "The member taxis in the application can be categorised according to the regions they serve. On the basis of the region, the users will be able to see the taxi drivers licensed to enter the South Cyprus, Closed Maraş Military Area or Ercan Airport within the application and choose the right taxi service, accordingly.

"To Be Put into Practice in Different Cities"

Burak Bilgen's statement continues as follows: "The application, which has recently been put into use in





all application centers after having completed the piloting work in our city of Famagusta, currently only serves Famagusta residents. The application, which will be actived in other cities of our country as soon as possible, has already attracted the attention of angel investors. Over time, we are planning to offer this application in Turkey's other smaller provinces. Our biggest dream is to realize bigger projects that will set a precedent for the youth of our country. We are improving our systems in the light of the academic information we have received from EMU and the information we have obtained from our esteemed instructors. A big thank you to everyone who contributed!"

Detailed information about the "Daxici" application can be found at https://www.daxici.com.



IMPORTANT REPRESENTATION FROM DEAN OF EMU ARCHITECTURE FACULTY PROF DR. UĞUR ULAŞ DAĞLI

Dean of the Eastern Mediterranean University (EMU) Architecture Faculty Prof. Dr. Uğur Ulaş Dağlı represented the university as a jury member in the Sey Foundation Award Design Competition. With the said competition, organized once a year by Semra & Enver Yücel Foundation (SEY), a person or a team that adds value to the society is awarded in order to increase the number of good examples. The foundation has the design of the award statuette presented at the awards ceremony held every year on the anniversary of its foundation by university students. Regardless of the department, the foundation gives awards to the top

3 students participating in the design competition from universities in Turkey and the TRNC.

Taking part as a jury member in the competition the winners of which are determined by the evaluations of academicians and Industrial Products Designers from different universities, Prof. Dr. Dağlı underlined that the competition was held with the online evaluation of the top six designs after the preliminary elimination. Stating that the designs were evaluated on the basis of their originality, conceptual relationship / interpretation to be established with



the purpose of the award, suitability for the function, applicability, finishing details and presentation, Prof. Dr. Dağlı emphasized that she is happy to have represented EMU in such an important organisation.

EMU DEPARTMENT OF ARCHITECTURE AND EMU URBAN RESEARCH AND **DEVELOPMENT CENTER TO ORGANIZE** INTERNATIONAL URBAN DESIGN CONFERENCE

International Urban Design Conference and Young Researchers Forum 2020 co-organized by Eastern Mediterranean (EMU) University Faculty of Architecture and EMU Urban Research and Development Center (URDC) will be held online on 9-10-11 December 2020. The opening speech of the conference will be delivered on the 9th of December at 08:45 by the key-note speaker, EMU URDC founding Director and Maltepe University Architecture and Urban Design Professor Derya Oktay.

Three sessions and a graduates' panel will be realized on Day 1 of 3-day events and the issue of public space will be discussed. EMU Architecture Faculty, Architecture Department Head Prof. Dr. Resmiye Alpar Atun is to moderate the graduates'

panel. The panelists will be SIMBIM co-founder Dr. Mohsen Far, Assist. Prof. Dr. Abolfazl Dehghanmongabadi from Shahrood University of Technology and, Dr. Sanaz Saeidi from Louisana State University. Day 1 will end with the presentation of Harvard Graduate School of Design, Urban Planning and Design Department Head Prof. Dr. Alex Krieger at 19:00.

Experts from Many Countries to Participate in the Events

Day 2 of the conference will start with the Urban Change / Re-Developing Vitalization session which will be held on the 10th of December 2020 at 09:00. One of the key speakers of the conference series, Dr. Ombretta Romice from University of Strathclyde Faculty

Eastern Mediterranean University

Register now as audience!

One day registration is also possible! https://udconf.emu.edu.tr/en/registration

Professor of Urban Design, Chair of Department of Urban Planning & Design, Harvard Graduate School of Design, USA

Keynote Speaker ALEX KRIEGER



Senior Lecturer in Urban Design, Department of Architecture, University of Strathclvde. Glasgow, UΚ **Keynote Speaker**

OMBRETTA ROMICE NIKOS SALINGAROS

Urbanist, Consultant on Biophilic Design & Human scale Urbanism, University of Texas at San Antonio, USA **Keynote Speaker**



Professor of Architecture and Urban Design, Maltepe University, Turkey Urban Research and Development Center (URDC)

DERYA OKTAY



of Architecture will make a presentation at 11:15. Day 2 will continue with two sessions titled Sustainability and Ecology. The closing presentation will be held at 17:30 and delivered by one of the key speakers of the conference, Biophilic Design and Human Scaled Urbanist Prof. Dr. Nikos Salingaros from University of Texas.

Last day of the conference will start with first session of the three-session series on Heritage / Culture. Following the session, Prof. Deane Alan Simpson from The Royal Danish Academy of Fine Arts, Architecture, Design and Preservation Department will do a presentation. Following Prof. Simpson's presentation, the second and third session of the Heritage / Culture series will take place.

The closing panel of the conference will be held at 17:30 and moderated by EMU Architecture Faculty, Architecture Department Head Prof. Dr. Resmiye Alpar Atun. Panelists will be Prof. Dr. Zuhal Ulusov from İstanbul Bilgi University, EMU URDC Director Prof. Dr. Sebnem Hoşkara, Assoc. Prof. Dr. Olgu Çalışkan from Middle East Technical University (METU), Dr. Kai Gu from University of Auckland and lastly, Dr. Gjergi Islami from University of Tirana. The conference will come to an end with Social Networking Hour at 19:00. Online city tours of Famagusta (Day 1), Nicosia (Day 2) and Kyrenia (Day 3) will be held during the lunch breaks of the 3-day conference.

Professor of Mathematics, Architectural Theorist & Architecture, Urbanism, Landscape, The Royal Danish Academy of Fine Arts, School of Architecture, Design and Conservation, Denmark **Keynote Speaker** DEANE SIMPSON

INTERNATIONAL URBAN DESIGN CONFERENCE

Young Researchers Forum @ Re-Discovering

Professor, Institute of

9-10-11 December 2020

Urban Design (IUDC2020@YRF)

Founding Director of EMU **Honorary Speaker**





EMU FACULTY OF HEALTH SCIENCES RELEASES A STATEMENT ON 3 DECEMBER INTERNATIONAL DAY OF PERSONS WITH DISABILITIES



Eastern Mediterranean University (EMU) Faculty of Health Sciences Dean Prof. Dr. Mehtap Malkoç released a statement regarding the 3 December International Day of Persons with Disabilities. Prof. Dr. Malkoç's statement reads as follows:

"3 December, International Day of Persons with Disabilities is considered as an opportunity to integrate disabled people into society in our country as well as all over the world and to ensure their rights "fully and equally ." 3 December is an awareness day for important issues such as emphasizing protective approaches in order to prevent disability, providing opportunities to improve the physical, mental and psychological health of the disabled person, increasing their rights of getting education, having a job, social participation and, finally, improving their legal rights.

More than one billion people in the world live with a type of disability, and approximately 200 million of these people have significant difficulties in surviving. Disability will become an even greater concern in the coming years because its prevalence is increasing. The aging of populations and the higher risk of older people becoming disabled, as well as the global increase in chronic health problems such as diabetes. cardiovascular diseases. cancer and mental health disorders are the reasons for the increase in disability. With the aging of the world population and the increase in chronic diseases, the number of disabled people is also increasing. Data reveals that 15% of the world population has disability. The number of persons with disabilities, which constitute an important portion in disadvantaged groups, is increasing. According to the World Disability Report, approximately 15% of the world population consists of disabled individuals, among whom 110 million individuals are reported to have very serious disabilities and have significant difficulties in functioning. It is also emphasized that individuals with disabilities are faced with great difficulties in accessing services such as health, education, employment, transportation and informatics.

Disability is a part of being human. Nearly everyone will be temporarily or permanently weakened at some point in their lives, and people living for many years will face increasing difficulties in functioning. Disability is complex, and the interventions that overcome disability-related disadvantages are multiple and systemic. The importance given to disabled individuals and their families in a country and the condition that they can behave independently within the society is actually an important indicator of the development of the society. For this reason, issues such as developing state policies, increasing the measures taken. improving health services and giving importance to social education should be brought to the agenda. Making the necessary architectural arrangements to change the perspective of the society, to ensure the social participation of the disabled individual and to reduce the mobility and access problems will increase the productivity of individuals who are restricted.

In our country, both governmental and non-governmental organizations have to share the responsibility in this regard. Eastern Mediterranean University Center for Healthy Living (EMU- SAYMER) has been in operation since March 2016 in order to improve the physical health of the disabled individuals and reintegrate them into the society. With health professionals specialised in their respective fields, the center provides support for the holistic treatment of disabled individuals through physiotherapy, dietetics and nursing services. Closely following the latest trends in the field, EMU SAYMER applies up-to-date treatment methods with the support of high-technology medical equipment. Among the center's aims are minimising the existing handicaps of the disabled, increasing their physical skills, providing psychosocial support and maximising their autonomy in daily activities. Within this framework, children with congenital or acquired functional disabilities, babies at high risk (premature or low birth weight babies) and children who have been diagnosed with cerebral palsy, muscular torticollis, spina bifida, brachial plexus injury, muscular disorders, autism, and down syndrome are evaluated from a physiotherapeutic perspective and treated by expert physiotherapists who possess in-depth experience in their fields. Having adopted a multidisciplinary approach in its practices, EMU SAYMER caters for an important need in our country.

On 3 December, International Day of Persons with Disabilities, besides emphasizing the importance of physiotherapy in the development of physical health, it is also necessary to stress that significant changes should be made especially in buildings in order for disabled individuals to continue their educational life and have professional gains. It should also be reminded that measures should be taken for environmental architectural regulations and that they should be developed in a way that allows safe and easy transportation and access of the disabled "





Eastern Mediterranean University (EMU) Faculty of Dentistry academic staff member Dr. Yeşim Hamurtekin released a statement about vitamin D. Dr. Hamurtekin's statement reads as follows:

"Enough is as Good as a Feast. So, How Beneficial is This Vitamin D?"

We are experiencing a process where research has been carried out by all countries of the world due to "Covid 19", which caused us to name 2020 'a black year', and our prayers are one to find the vaccine or the most effective treatment as soon as possible. Everyone is concerned about protecting themselves and their loved ones. Okay, everyone will be exposed to this virus, we all know that, but the later we get it, the better. At least, the vaccine will have been found by then. So what should we do until then? How can we protect ourselves? The method is simple, pay attention to social distancing, never go out without a mask, take care of hygiene, eat a balanced diet and, of course, never neglect to take vitamins, especially vitamins C and D.

So far, this has been a good and a very logical approach. So, should this vitamin intake be so easy? As an expert, I have to state that vitamins have very important roles in our metabolism and should be taken with certainty. However, as we take water-soluble vitamin groups such as Vitamin C and B, they can be excreted in the urine, so we can feel a little more comfortable by taking this group of vitamins. However, vitamins A, D, E, K are types of vitamins that dissolve in fat and are stored in adipose tissue. Therefore, if taken in excess, they will lead to harmful effects rather than benefits. What did our ancestors say? "Enough is as Good as a Feast".

So what kind of solution should be offered? As residents of Cyprus, it is quite strange to see vitamin D deficiency in a place where the sunlight is almost available every day and winter is only two months. For those of you who do not know, vitamin D is a molecule synthesized in our skin with UVB (ultraviolet B) coming from sunlight and cholesterol in our metabolism. 80% of the vitamin D in our body is produced in our body by sunlight. We get the remaining 20% through our diet. In fact, according to research, when the sun's rays are steepest in summer (rich in UVB), a 6-month vitamin D storage can be provided with 10 minutes of sunbathing without sunscreen. However, one should be reminded that "Enough is as Good as a Feast". Again, research shows that excessive exposure to sunlight causes the development of one of the most risky skin cancers, which we call melanoma. Therefore, neither should we avoid the sun, nor should we lie under the sun and wait for hours.

Common Misconceptions about Vitamin D

Even if we go out in the sun, we should take vitamin D supplements. Wrong. Vitamin D is already synthesized in the body in sunlight. Supplements can lead to vitamin D excess. In addition, only the doctor should recommend that we take vitamin D as an external supplement. *My neighbor is taking vitamin D supplements. She feels very good. Should I buy it too?*

No, you shouldn't. First of all, you should go to the doctor and give a blood sample and have the vitamin D levels checked. If your doctor deems necessary, he or she will prescribe you anyway.

Should I sunbathe during summer?

No, you should not sunbathe! The UVB needed by our skin to produce vitamin D is only 5-10 minutes for light-skinned people, and 15-20 minutes for dark-skinned ones. As the skin color gets darker, this period can be increased a little more, but should not exceed 30 minutes.

If I pull the curtain and sit in my living room at home, will vitamin D be produced?

No, it is not produced. Our skin needs UVB to synthesize this vitamin. Glass prevents the passage of this beam.

If I sunbathe by applying sunscreen cream (SPF30, SPF50), will vitamin D synthesis occur?

No, it won't happen. As I mentioned above, the sun needs to be in direct contact with the skin.

I have a newborn baby. Our pediatrician prescribed vitamin D. Should I definitely use this?

It should definitely be used. According to the current information given by the Ministry of Health, this vitamin should be prescribed from the first day of the baby. Because vitamin D synthesis does not occur in the skin of newborn babies. Vitamin D has very important roles in baby's bone development, teething, muscle development, nerve cell conduction, and mineral and calcium absorption from the intestines. Any instructions given by your doctor should be strictly followed anyway.

I am over the age of 50, should I take vitamin D supplements?

As we age, that is, if we are roughly over 50 years old, destruction occurs in our body rather than production. Therefore, the cells in our skin begins to age and they cannot synthesize enough vitamin D. One of the functions of vitamin D is to absorb calcium from the blood and provide bone and tooth formation. Therefore, in the absence of vitamin D, calcium, which must be in the blood, is provided by some hormones (parat hormone) from the bone. In other words, bone resorption begins (osteoporosis). If you are over the age of 50, you should have a routine check-up and have your vitamin D and calcium levels checked as well as your bone density (bone densitometer). Your doctor will prescribe a vitamin D supplement if needed.

Conclusion: Today's "covid 19" will be tomorrow's "X" disease. Only the names and the pathological effects will change. We must not forget that we already have an incredible defense system in our body. We just need to make this system more active and powerful. The way to do this is to take the necessary precautions, to eat a balanced diet and not to neglect our vitamins (under the supervision of a doctor). "



EMU WINTER CUP TENNIS TOURNAMENT TO BE HELD BETWEEN 14-25 DECEMBER

EMU Winter Cup Tennis Tournament organized by the Eastern Mediterranean University (EMU) Sports Affairs Directorate will be held between the 14th and 25th of December at EMU Tennis Courts.

The tournament will have different categories; 18+ women and men, 30+ women and men, women's double, men's double and mixed. A statement released by the EMU Sports

Affairs Directorate indicated that the application deadline for the tournament is the 11th of December, 2020 – Friday. All the applications should be made to the Directorate. Individuals who would like to participate in EMU Winter Cup Tennis Tournament can register to the contest by contacting EMU Sports Affairs Directorate from 630 23 02 or EMU Tennis Team Coach Aydın Kayol from 0548 860 94 72.



Source: Web of Science

This Week's Academic Publications

School of Computing and Technology

1.Taheri Mousavi, Seyed Mahdi, Fuat Egelioglu, and Mustafa Ilkan. "Experimental and numerical study of the effect of various design configurations on the thermal performance of solar still desalination." Energy Sources, Part A: Recovery, Utilization, and Environmental Effects (2020): 1-15. (Early Access)

Faculty of Pharmacy

1. Ertuğruloğlu, Pinar, Hayrettin Ozan Gulcan, Ayodeji Olugbenga Ifebajo, Amirhossein Fallah, Mustafa Fethi Sahin, and Mustafa Gazi. "Removal of duloxetine from aqueous solution by adsorption onto chemical crosslinked alginate beads." Journal of Dispersion Science and Technology (2020): 1-8. (Early Access)

Faculty of Arts & Sciences

1.Ertuğruloğlu, Pinar, Hayrettin Ozan Gulcan, Ayodeji Olugbenga Ifebajo, Amirhossein Fallah, Mustafa Fethi Sahin, and Mustafa Gazi. "Removal of duloxetine from aqueous solution by adsorption onto chemical crosslinked alginate beads." Journal of Dispersion Science and Technology (2020): 1-8. (Early Access)

2.Javed, Wajiha, Iqra Nawazish, Mohsin Raza Khan, and Ali Övgün. "Weak and strong warm logamediate anisotropic inflationary universe model." Canadian Journal of Physics 98, no. 11 (2020): 1029-1038.

3.Forghani, S. Danial, and S. Habib Mazharimousavi. "Thin-shell wormholes with ordinary matter in pure Gauss-Bonnet gravity." Journal of Cosmology and Astroparticle Physics 2020, no. 11 (2020): 018.

İşletme ve Ekonomi Fakültesi

1.Lee, Chien-Chiang, Godwin Olasehinde-Williams, and Ifedolapo Olanipekun. "Financial

systems, regulatory quality, and economic growth." The Journal of International Trade & Economic Development (2020): 1-29. (Early Access)

2.Ince, Ecem, Deniz Iscioglu, and Ali Ozturen. "Impacts of Cittaslow philosophy on sustainable tourism development." Open House International 45, no.1-2 (2020)103-120.

Faculty of Architecture

1.Iranmanesh, Aminreza, and Resmiye Alpar Atun. "Reading the changing dynamic of urban social distances during the COVID-19 pandemic via Twitter." European Societies (2020): 1-15 (Early Access)

2.Salama, Ashraf M., and Yonca Hurol. "Polyphonic narratives for built environment research." Open House International 45, no.1-2 (2020)3-22. 3.Hurol, Yonca. "On ontological approaches to academic

research in architecture." Open House International 45, no.1-2 (2020)69-85.

4.Ghelichkhani, Milad. "Investigating the tectonic effects of openings as 'built-things': case of Çavuşoğlu house. Open House International 45, no.1-2 (2020)103-120.

Faculty of Engineering 1.Makhamreh, Hamza, I.Makhamreh, Hamza, Mohamed Trabelsi, Osman Kukrer, and Haitham A. Abu-Rub. "A Lyapunov-based Model Predictive Control Design with Reduced Sensors for a PUC7 Rectifier." IEEE Transactions on Industrial Electronics 68,no.2 (2020):1139-1147.

2.Evram, Aliye, Tülin Akçaoğlu, Kambiz Ramyar, and Beste Cubukçuoğlu. "Effects of waste electronic plastic and marble dust on hardened properties of high strength concrete." Construction and Building Materials 263 (2020): 120928.

3. Karimzadeh, Sina, Babak Safaei, and Tien-Chien Jen. "Investigate the importance of mechanical properties of SWCNT on doxorubicin anti-cancer drug adsorption for medical application: A molecular dynamic study.⁵ Journal of Molecular Graphics and Modelling 101 (2020): 107745. 4.Talebizadehsardari, Pouyan, Arameh Eyvazian, Farayi

Musharavati, Qasim Zeeshan, Roohollah Babaei Mahani, and Tamer A. Sebaey. "Optimization of wire electrical discharge turning process: trade-off between production rate and fatigue life." The International Journal of Advanced Manufacturing Technology (2020): 1-12. (Early Access)

5.Taheri Mousavi, Seyed Mahdi, Fuat Egelioglu, and Mustafa Ilkan. "Experimental and numerical study of the effect of various design configurations on the thermal performance of solar still desalination." Energy Sources, Part A: Recovery, Utilization, and Environmental Effects (2020): 1-15. (Early Access)

6. Cheraghalizadeh, Raheleh; Akcaoglu, Tulin "Properties of self-compacting concrete containing olive waste ash" Cement Wapno Beton, 25, no.3 (2020):178-187 Turizm Fakültesi

1.Arasli, Huseyin, Ahmet Nergiz, Mehmet Yesiltas, and Tugrul Gunay. "Human Resource Management Practices and Service Provider Commitment of Green Hotel Service Providers: Mediating Role of Resilience and Work Engagement." Sustainability 12, no. 21 (2020): 9187.

2.Ince, Ecem, Deniz Iscioglu, and Ali Ozturen. "Impacts of Cittaslow philosophy on sustainable tourism development." Open House International 45, no.1-2 (2020)103-120.

Faculty of Health Sciences

1. Mamuk, Rojjin, and Nevin Hotun Şahin. "Reproductive health issues of undocumented migrant women living in Istanbul." The European Journal of Contraception & Reproductive Health Care (2020): 1-7(Early Access) 2.Gokalp, Ozge, and Berkiye Kirmizigil. "Effects of Thrower's Ten exercises on upper extremity performance: A randomized controlled study." Medicine 99, no. 42 (2020).

Eastern Mediterranean University

On behalf of Eastern Mediterranean University Prof. Dr. Aykut Hocanın Rector

Management at

University,

Eastern Mediterranean

Supervisor Assoc. Prof. Dr. Deniz İşçioğlu Vice Rector

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