

NEU Bulletin

NEAR EAST UNIVERSITY
NORTHERN CYPRUS

research · education · art · innovation

NEU BULLETIN

YEAR 2025

ISSUE #7

WHAT'S NEW IN EDUCATION

Near East University is transforming education with the *Prof. Dux AI Adaptive Learning Ecosystem* – an innovative platform integrating AI, holographic teaching, and humanoid robotics. Developed under the leadership of **Prof. Dr. Fadi Al-Turjman**, the system personalizes learning through GPT-4 adaptive models and supports instructors with data-driven insights. Featuring the **Prof. Dux Hologram Agent** and **Humandroid Teaching Assistant**, the ecosystem bridges digital and physical learning, reflecting the university's commitment to intelligent, research-based education for the next generation.



Prof. Dux AI
Adaptive Learning Ecosystem

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Interview

senior researcher



Prof. Dr. Çiğdem Hürsen, Director of the Center for Excellence in Education and the Lifelong Learning Center at Near East University, is a leading scholar in curriculum design, teacher education, and educational innovation. Her research focuses on developing competency-based programs and teacher training models that align education with 21st-century learning needs.

[Read more](#)

Dr. Tomiwa Sunday Adebayo, a researcher at the Operational Research Center in Healthcare of Near East University, focuses on applied and environmental economics, energy policy, and financial econometrics. Ranked among the world's top 2% scientists for four consecutive years, he also serves as an associate editor for *Innovations in Environmental Economics and Earth Systems, Resources, and Sustainability*.

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YOUNG RESEARCHER



RECENT PUBLICATIONS



Near East University researchers continue to address critical global and local challenges through interdisciplinary collaboration and academic excellence. Drawing on diverse fields of expertise, they work together to generate innovative and applicable solutions that serve the needs of society. Their research not only expands scientific understanding but also contributes to evidence-based policymaking and improved quality of life – advancing knowledge and impact beyond borders.

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ALUMNI SPOTLIGHT

In this issue, we proudly feature **Medine Demir**, an accomplished alumna of the **Faculty of Tourism, Department of Gastronomy and Culinary Arts** at Near East University—an inspiring young entrepreneur who has transformed her passion for flavor, design, and creativity into a thriving brand. From her early experiences in Michelin-starred kitchens and large-scale pastry production to founding **Marvin Chocolate Coffee**, her journey embodies the perfect blend of craftsmanship, innovation, and visionary spirit.


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congress

TURKTIP2025

Near East University participated as a **partner institution** in the 1st International Congress of Turkish-Speaking Countries in Medicine (TURKTIP 2025). The congress brought together leading scientists, clinicians, and health professionals from across the Turkic world to share research, exchange best practices, and strengthen international cooperation in medicine and public health.


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award winning academics



Renowned pharmacognosist and botanist **Prof. Dr. K. Hüsnü Can Başer**, Chair of Pharmacognosy at Near East University Faculty of Pharmacy, was honored with **OPTIMA's prestigious Theophrastus Award** for his lifelong contributions to the taxonomy and classification of Mediterranean flora.

A pioneer in pharmacognosy, chemotaxonomy, and biodiversity conservation, Prof. Başer has advanced scientific understanding of medicinal and aromatic plants while mentoring generations of young researchers. His work continues to inspire a global appreciation of nature's complexity and the vital role of plants in human health.

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Do energy patents and energy prices drive the shift toward sustainable energy sources? A wavelet quantile-based analysis.

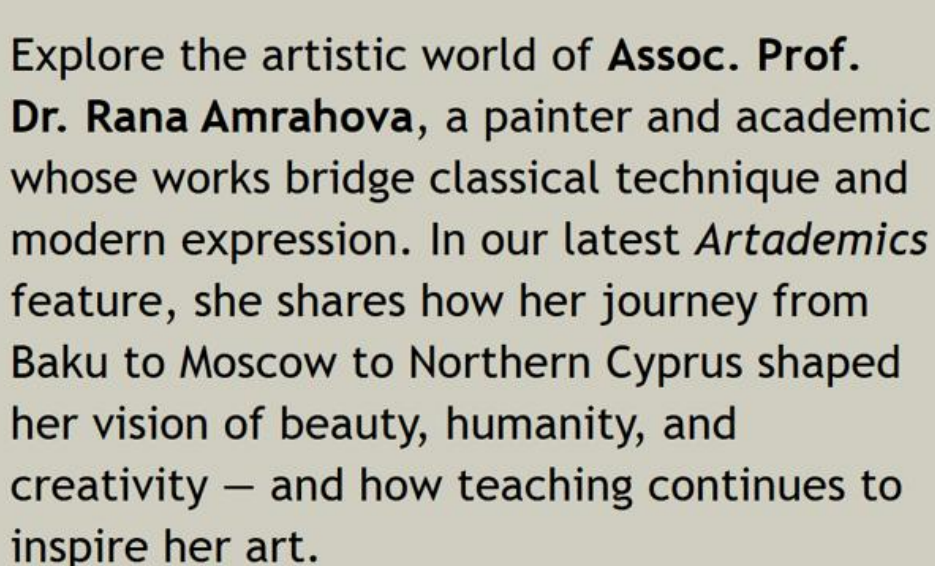
Optimizing reservoir operations with Z-numbers: Addressing uncertainty and reliability

The Effectiveness of a Virtual Game Application Developed to Alleviate the Fear of Nursing Students During Invasive Procedures: A Systematic Review

A Cross-Sectional Study: Association Between Nutritional Quality and Cancer Cachexia, Anthropometric Measurements, and Psychological Symptoms

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artademics



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Research center

At the Research Center, interdisciplinary teams work to advance innovation in agriculture, food sciences, animal health, and rural development. Through projects that combine **scientific research with cultural heritage**, the center focuses on sustainable production models — from halloumi and olive studies to innovative food technologies — supporting both local development and global scientific collaboration.



SYMPOSIUM



Organized by the **Sexual Health Services Unit** under the **Student Dean's Office of Near East University**, the symposium brought together health professionals, academics, and students to discuss sexuality and sexual health from a **holistic and multidisciplinary perspective**. The symposium underscored the importance of education and awareness in advancing sexual health, in line with the university's socially responsible academic mission.

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STUDENT exchange

Near East University continues to empower its students through global academic mobility programs, offering opportunities for internships, research, and cultural exchange across more than 30 countries. Through partnerships with international student associations such as IFMSA, IPSF, IADS, and IVSA, NEU students expand their professional skills, experience diverse health systems, and build lasting connections beyond borders.

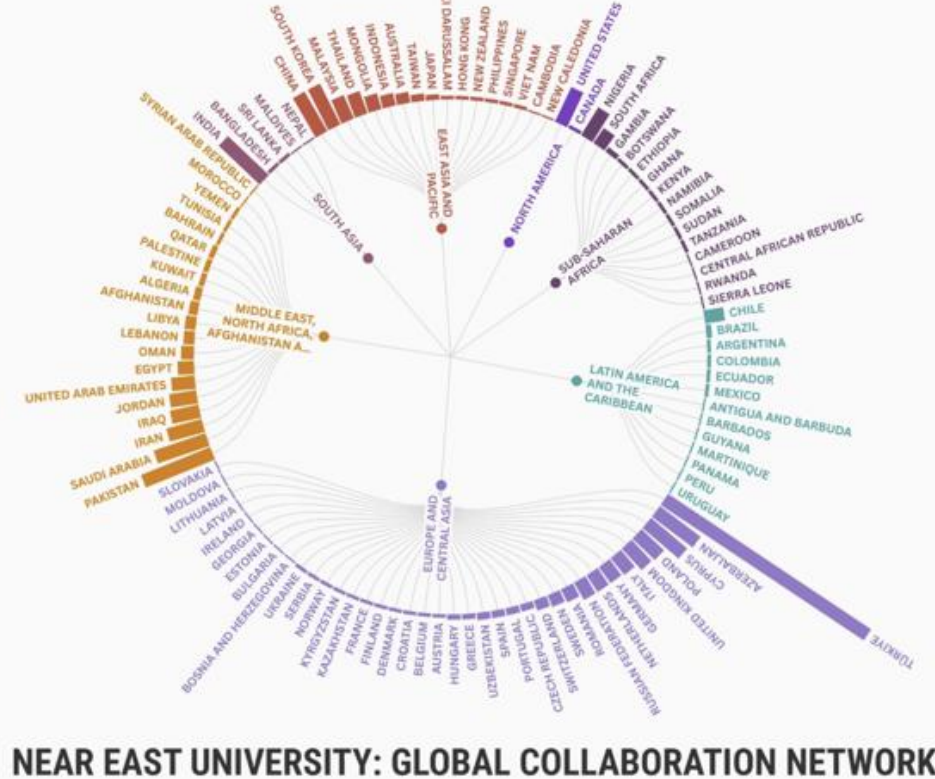
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Developed with the contribution of **Near East University researchers**, the **Hepatitis D Virus (HDV) Detection Kit** represents a significant advancement in molecular diagnostics and infectious disease management. Conducted in collaboration with national and international partners, the project focuses on improving the speed, accuracy, and accessibility of HDV detection. This initiative highlights the university's active role in **translational research** and its dedication to supporting innovations that strengthen global public health.

COLLABORATIONS

expand its global academic presence through collaborations with distinguished institutions and researchers worldwide. These international partnerships reflect the university's ongoing commitment to advancing science, innovation, and cross-disciplinary exchange.



NEU IN RANKINGS



**Times
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*University Ranking by
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