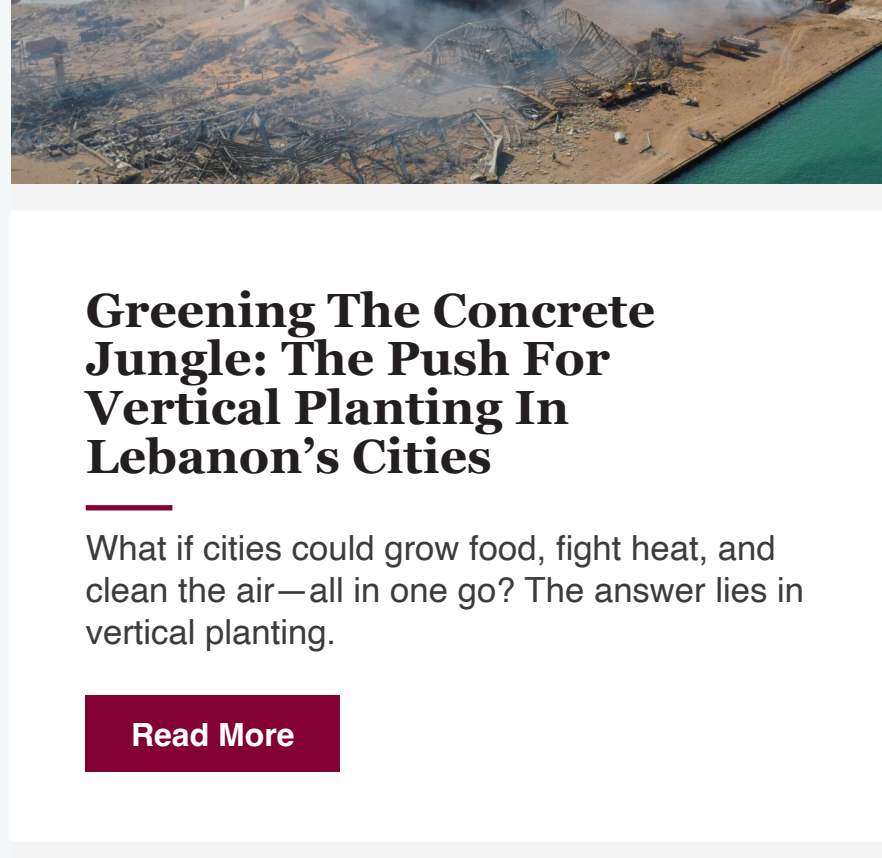


Issue 52

Dean's Updates

News Highlights



Foul Odors At The Port Of Beirut: A New Fire On The Horizon

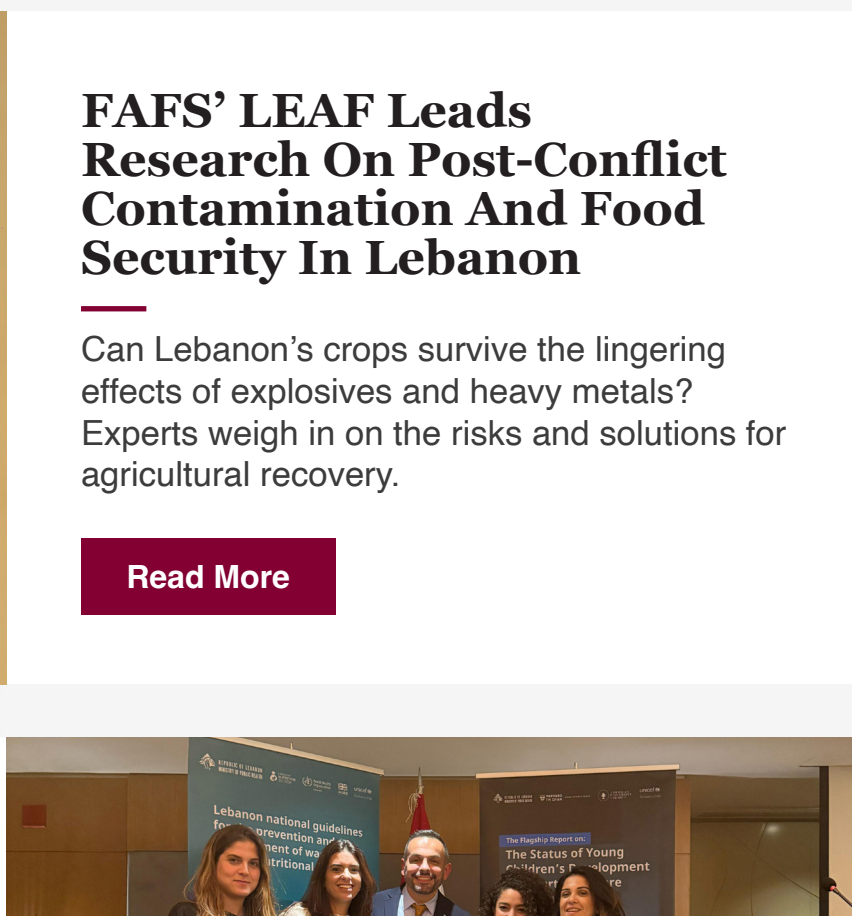
The foul smell is back at Beirut Port — and it's raising new fears. Could a new fire in the silos be on the horizon?

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Greening The Concrete Jungle: The Push For Vertical Planting In Lebanon's Cities

What if cities could grow food, fight heat, and clean the air—all in one go? The answer lies in vertical planting.

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FAFS' LEAF Leads Research On Post-Conflict Contamination And Food Security In Lebanon

Can Lebanon's crops survive the lingering effects of explosives and heavy metals? Experts weigh in on the risks and solutions for agricultural recovery.

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FAFS Champions Lebanon's First National Guidelines for Child Malnutrition

Lebanon is the first to adopt WHO's new global guidelines on wasting—what does this mean for child nutrition and health in the country?

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FAFS and Partners Unite for a Healthier Lebanon Through Iodine Deficiency Prevention Efforts

What's the key to tackling iodine deficiency in Lebanon? Discover how the Universal Salt Iodization Program is setting the standard for public health and aligning with global best practices.

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FAFS Representative Selected for WHO Training on Inpatient Management of Severe Wasting in Children

What's next for Lebanon in the fight against child malnutrition? Dr. Krystel Ouaijan's WHO training is paving the way for groundbreaking changes in tackling severe wasting.

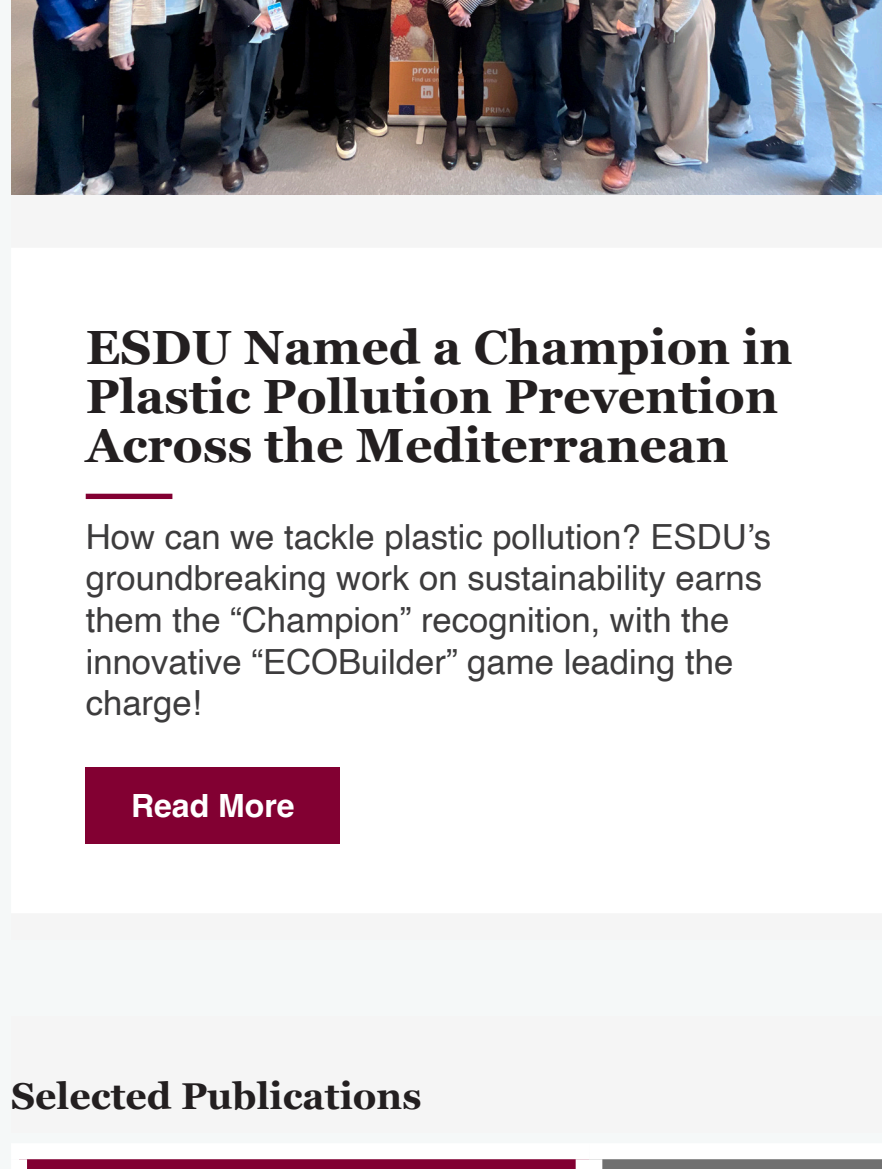
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FAFS Excels At The 38th EFFOST International Conference

How can we revolutionize food systems? From managing hospital food waste to turning sesame by-products into functional ingredients — discover the future of food!

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ESDU Named a Champion in Plastic Pollution Prevention Across the Mediterranean

How can we tackle plastic pollution? ESDU's groundbreaking work on sustainability earns them the "Champion" recognition, with the innovative "ECOBuilder" game leading the charge!

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Selected Publications

High-resolution satellite imagery reveals a recent accelerating rate of increase in land evapotranspiration. Remote Sensing of Environment, 315.

Jaafar, H. H., & Sujud, L. H. (2024)

Artificial intelligence chatbots for the nutrition management of diabetes and the metabolic syndrome. European Journal of Clinical Nutrition, 78(10), 887-896.

Naja, F., Taktouk, M., Mathonli, D., Khaleel, S., Maher, A., Uzun, B., Almeddine, M., & Nasreddine, L. (2024)

Utility-based regression and meta-learning techniques for modeling actual ET: Comparison to (METRIC-EFLUX) model. Artificial Intelligence in Agriculture, 14, 43-55.

Abu Salem, F. K., Awadi, S., Hamdar, Y., Kharroubi, S., & Jaafar, H. (2024)

Opportunities for circular economy in waste reuse: Insights from social media data mining. Resources, Conservation and Recycling, 215, 108100.

Badran, S., Massoud, M. A., Stephan, R., Elbassoum, S., Chalaki, A., & Abiad, M. G. (2025)

Exposure to mycotoxins from the consumption of corn-based breakfast cereals in the United Arab Emirates. Scientific Reports, 14(1).

Hassan, H. F., Zgheib, K., Iskandar, C. F., Chalaki, A., Alwan, N., & Abiad, M. G. (2024)

Safeguarding the SDG promise to end hunger and leave no one behind: the plight of children in the Gaza Strip. Lancet Global Health, 12(11), e1748-e1749.

Nasreddine, L., & Jomaa, L. (2024)

Higher consumption of ultra-processed foods is associated with higher odds of overweight and obesity amongst under-five children: A national cross-sectional study in Lebanon. Pediatric Obesity, 20(4), e13177.

Chokor, F. A. Z., Ouajjan, K., Hwalla, N., Jomaa, L., & Nasreddine, L. (2025)

Beliefs, Practices, and Knowledge of Household Food Handlers Regarding the Impact of Electricity Outages on Food Safety: Findings from a National Cross-sectional Study in Lebanon. Foods, 14(5).

Subuh, N., Ballout, R., Toufelli, L., Kassem, I. I., & Kharroubi, S. A. (2025)

Economic irrigation water productivity of wheat and potato: An earth observation perspective on policy implications in the Litani Basin, Lebanon. Agricultural Water Management, 306.

Jaafar, H. H., & Sujud, L. H. (2025)

[Full List of Publications](#)

Students and Alumni News



Celebrating A Legacy: Dean Emeritus Dr. Nuhad Daghir Honored On His 90th Birthday

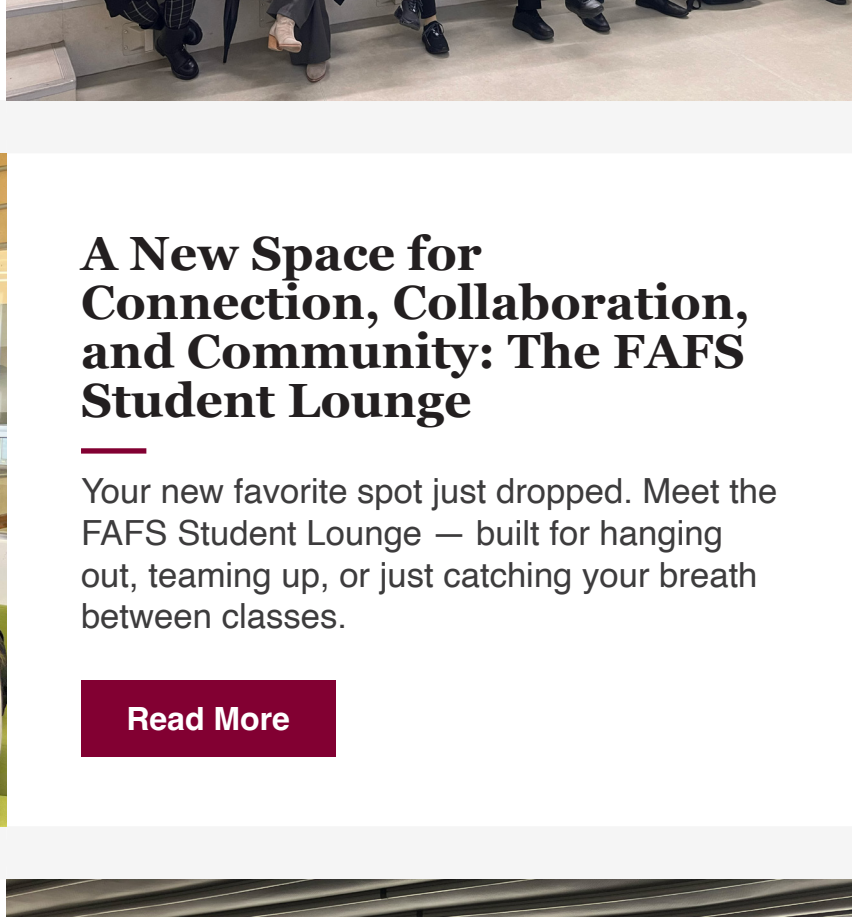
What makes this celebration unforgettable? Discover how FAFS Chapter of WAAAU brought together a global community to honor his legacy.

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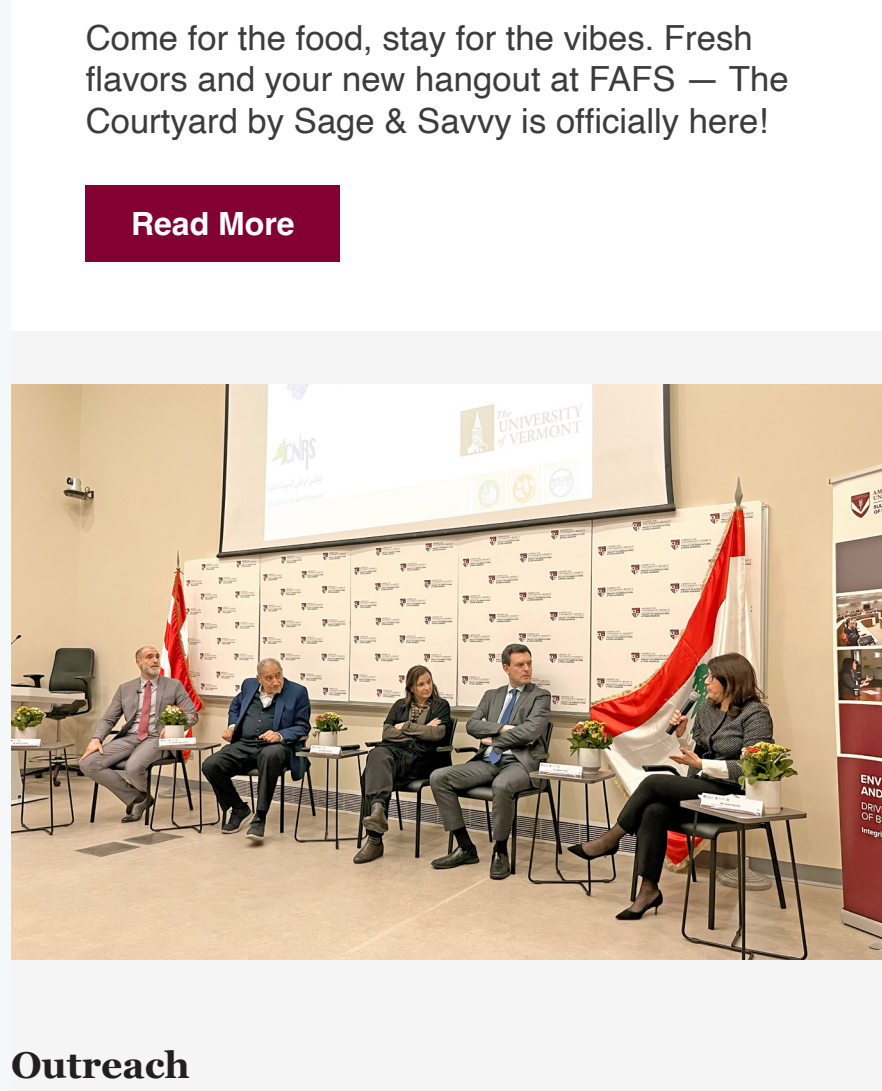
FAFS Graduate Miguel Hasan Hejase Tackles Food Waste with Award-Winning Startup

What if your next meal could help save the planet? Discover how FAFS alumnus Miguel Hejase won a "Darwazah Startup Accelerator" award for Lebanon's first food waste app.

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Student Campus Life and Learning



Bridging Talent With Industry Leaders: FAFS Networking Event

Big dreams, real talk. FAFS students met the experts shaping Lebanon's food, nutrition, and agriculture industries — and left with fresh insights, real advice, and maybe even a few career leads.

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FAFS Hosts IdeaLab Training Session On Entrepreneurship In Agri-Food And Cleantech

What happens when creativity meets real-world problems? Discover how FAFS students pitched game-changing ideas — from smart farming to sustainable fashion.

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Outreach



From Lab Coats To Urban Gardens: CSFF Students Dive into Agriculture, Food Science, and Nutrition at FAFS

CSFF students explored how tiny food choices can make a big impact — in the lab, in the kitchen, and in their communities.

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A New Space for Connection, Collaboration, and Community: The FAFS Student Lounge

Your new favorite spot just dropped. Meet the FAFS Student Lounge — built for hanging out, teaming up, or just catching your breath between classes.

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FAFS Celebrates the Opening of The Courtyard: Where Food Meets Community

Come for the food, stay for the vibes. Fresh flavors and your new hangout at FAFS — The Courtyard by Sage & Savvy is officially here!

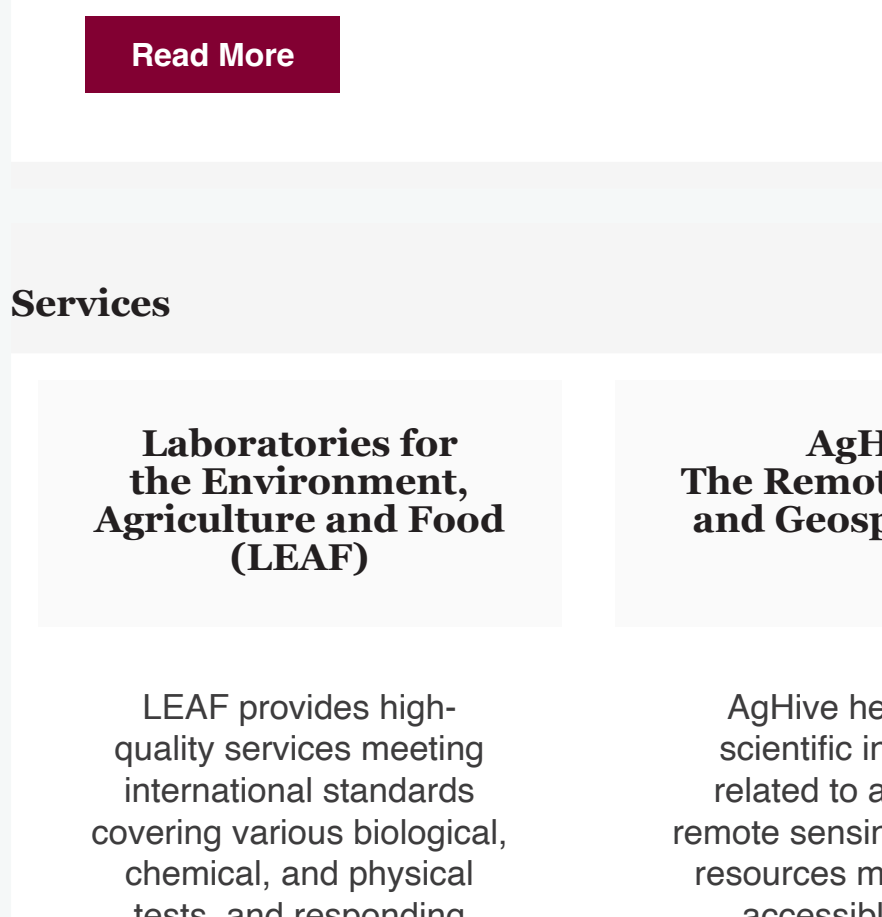
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FAFS Hosts the Launch of the SDG Brain Lab

It started with a launch. It turned into a conversation — and its very first panel tackled the big question: How do we collaborate across sectors for a more sustainable future?

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Services

Laboratories for the Environment, Agriculture and Food (LEAF)

LEAF provides high-quality services meeting international standards covering various biological, chemical, and physical tests, and responding rapidly to the emerging crisis. ...

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AgHive The Remote Sensing and Geospatial Lab

AgHive helps make scientific information related to agriculture, remote sensing, and water resources management accessible for the community through a variety of services....

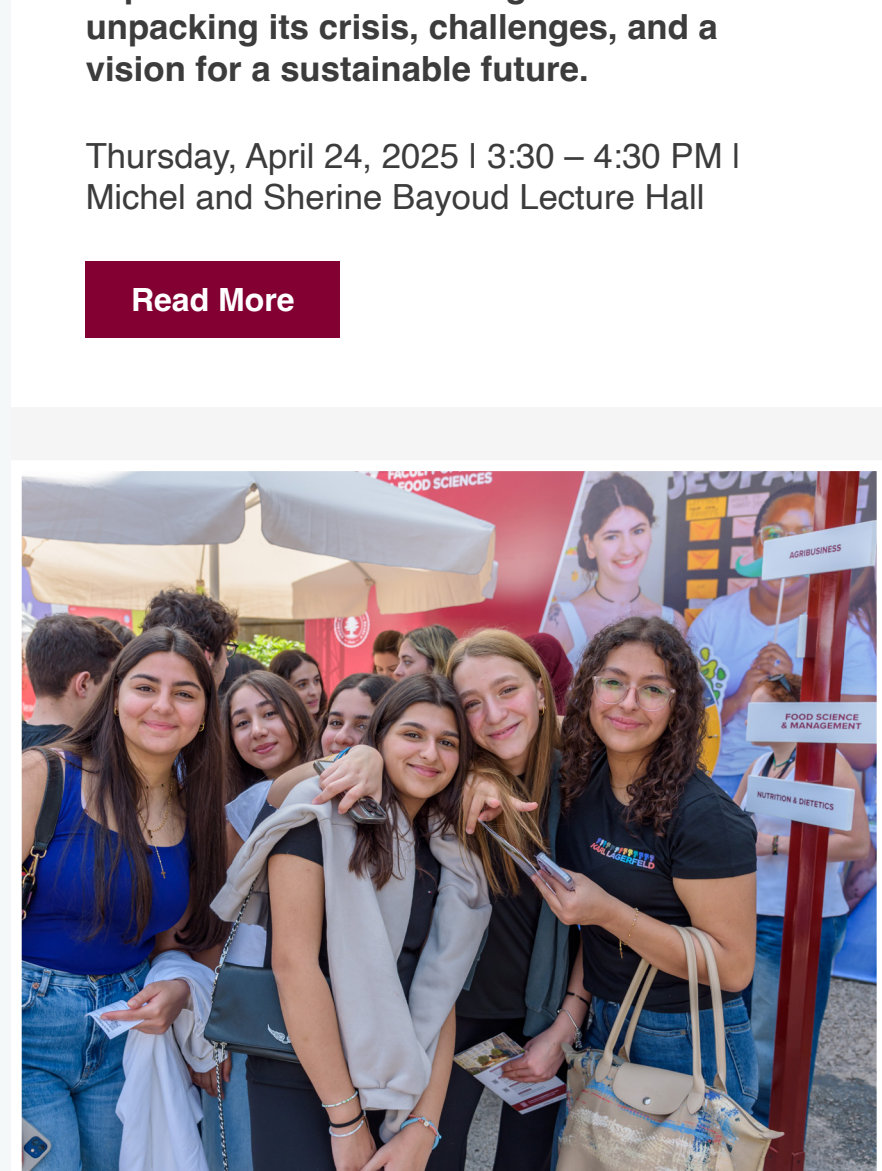
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Statistics Support Clinic (SSC)

The SSC, whose ultimate aim is to promote high-standard research through statistical data analysis, offers statistical support and consulting services....

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Upcoming Events



FAFS Lecture Series - Diagnosis of the Lebanese Agriculture: Past, Present, and Wished Future

Join us for a powerful lecture by Dr. Riad Fouad Saade, drawing on 55 years of experience in Lebanese agriculture — unpacking its crisis, challenges, and a vision for a sustainable future.

Thursday, April 24, 2025 | 3:30 – 4:30 PM | Michel and Sherine Bayoud Lecture Hall

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Bridging Talent with Industry Leaders: Insights, Opportunities, Networking

Get ready to be inspired! Three industry leaders are sharing their expertise and exciting opportunities in Agriculture, Agribusiness, and Humanitarian Response

Thursday, April 17, 2025 | 2:00 – 4:00 PM | Michel and Sherine Bayoud Lecture Hall

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AUB Undergraduate Open House 2025

Curious about life at FAFS? Meet us at the AUB Undergraduate Open House — explore our programs, connect with students and faculty, experience campus life, and imagine your next chapter with us.

Saturday, April 26, 2025 | 11:00 AM – 4:00 PM | AUB Beirut Campus

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Eat Right, Move More Summer Bootcamp

Join us on a wellness journey led by expert nutritionists & fitness instructors who'll share the tips, tricks, and tools to help you live your healthiest life — and actually enjoy it.

July 14 to July 25, 2025 | 9:30 AM – 3:00 PM | AUB Campus

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