



## UCD Equality, Diversity and Inclusion Cultivating a Culture of Respect and Belonging

### FYI - EDI

## All Staff Coffee Morning

Come and celebrate the beginning of the new academic year and welcome our three new Ad Astra Fellows:

Alexander Jussupow, Evan Spotte-Smith & Liana Zoumpouli.

Bring your own beverage and we will supply the biscuits!



Tuesday, 9<sup>th</sup> September



10:50 am - 11:10 am



First floor Kitchen

See you there!

# Updates

**Lab materials**  
(safety glasses, spatulas)

available at the  
Student Union shop

for undergraduate students  
in the coming 2025-2026



## Organic Chemistry Summer School 2025

The Organic Chemistry Summer School 2025 finished up on 8th August 2025 with the 71 participants sitting the second module exam. We held a school reception to mark the end of the Summer School and to wish them all well in their travels back to the US to their home universities.

Some of the OChem Summer School Class of 2025 are pictured here with academic staff, technical officers, demonstrators and tutors at the Farewell Event. We wish them all the best in their future studies!

We are reviewing student feedback in the coming weeks and beginning to plan for 2026.

You can read more about the Organic Chemistry Summer School online at <https://www.ucd.ie/chem/study/summerschoolsatucdschoolofchemistry/organicchemistrysummerschool/>





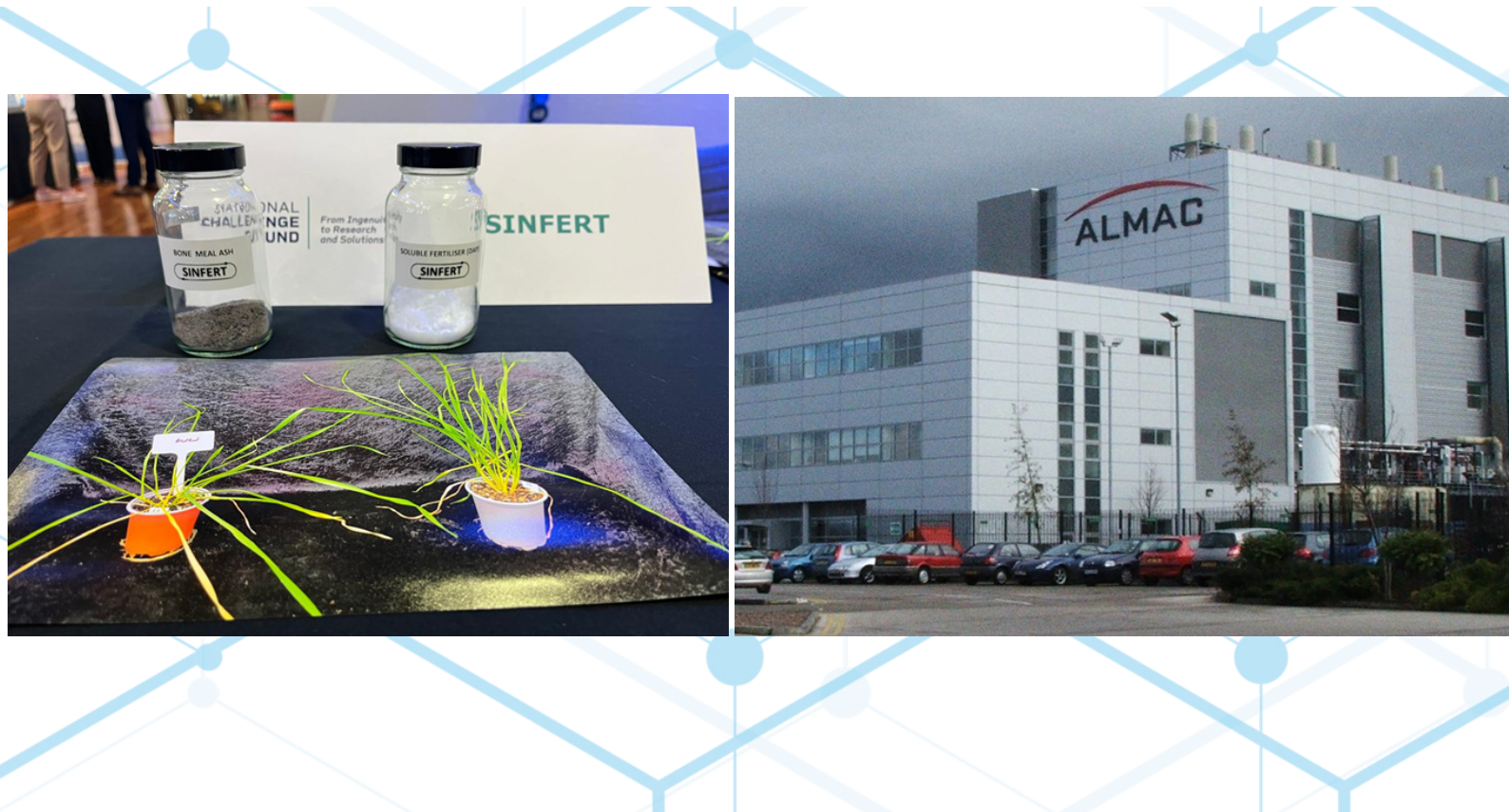
# Research Funding

## News from Dr Kirill Nikitin – SINFERT Research Funding

Following the success of SINFERT Project Showcase at Croke Park in April 2025, we are delighted to announce a major milestone in our journey. SINFERT has officially signed a project agreement with ALMAC Ltd. to scale up the innovative phosphorus extraction DOC process. The first pilot will be implemented at their Craigavon industrial site.

This development marks a significant step forward in addressing the global challenge of sustainable phosphorus supply. Recovering phosphorus from waste sources not only reduces dependence on finite phosphate rock but also supports the circular economy by transforming waste into valuable, high-grade resources. SINFERT team works on an entirely novel solution to phosphorus recovery which has been demonstrated in laboratory and glasshouse trials.

The entire SINFERT team is excited about this new chapter and remains committed to advancing technologies that contribute to sustainable agrifood systems and resource recovery.





# Research Funding

## News from Professor James Sullivan

As part of their Research Ireland-funded National Challenge in PFAS cleanup, James Sullivan and Cormac Murphy (SBBS) visited a PFAS test center at the former Korsør Fire academy in Slagelse Denmark to take samples of material contaminated with PFAS-containing aqueous firefighting foam residue in order to analyse the effectiveness of their PFAS destruction processes on these residues.

## PFAS-test center, Former Korsør Fire Academy





# Research Funding

## Accessible Lab Kits

In November 2024 Assistant Prof. Leila Negahdar won €5000 seed funding from the College of Science under the title **Making chemical science labs accessible and inclusive for disabled researchers.**

The proposal was supported by Associate Prof. Veronica Sofianos (School of Chemical Engineering), Kristy Stanley, Olivia Breen, Coline Evesson, Celine Erkey, Patricia Fleming, Francesca Adami, Julia Bruno, who all worked towards the successful application.

The funding was used to purchase equipment for accessible lab kits which include PTFE and handled glassware as well as refitting four fume hoods in our School and School of Chemical Engineering with new gas taps.

We are happy to announce that the new lab kits are now available for researchers to use and will be distributed throughout the School. There will be one kit available on each floor of CSCB, A1 and A2.

A big thank you to Leila, Kristy and the team for their hard work in bringing this initiative to fruition and we hope the kits will make a positive contribution to researchers in our School.





## Publications from the Brougham Research Group

Thermoresponsive "Click" Core@shell Poly(cyanoacrylate) Nanoparticles for Controlled Chemotherapy Release

(Cara Moloney and Dermot F. Brougham)

Congratulations to Cara Moloney (UCD, now University of Nottingham) for the publication of more of her controlled chemo release work. "Thermoresponsive 'click' core@shell poly(cyanoacrylate) nanoparticles for controlled chemotherapy release" C. Moloney, D. F. Brougham, *ACS Applied Nano Materials*, 2025, 8(32), 15976–15987. DOI: 10.1021/acsanm.5c02620

Read more at <https://pubs.acs.org/doi/10.1021/acsanm.5c02620>

## News from the Loh research group

Charles is honoured with the 2025 Advanced Science Young Innovator Award (Wiley) to recognise his leading contributions in interdisciplinary research. This prize is awarded to recognise innovative scientific work done to advance the fundamental understanding of societal relevant fields, including material science, chemistry, physics, engineering, life and health sciences, earth and environmental sciences, as well as social sciences and humanities. You can read more here:

<https://advanced.onlinelibrary.wiley.com/hub/journal/21983844/young-innovator-award.html>

The 2025 award selection involves multiple rounds of cohesive evaluations by in-house editors and external judges, and a total of 11 awardees had been selected through a highly competitive process.

# CONGRATULATIONS

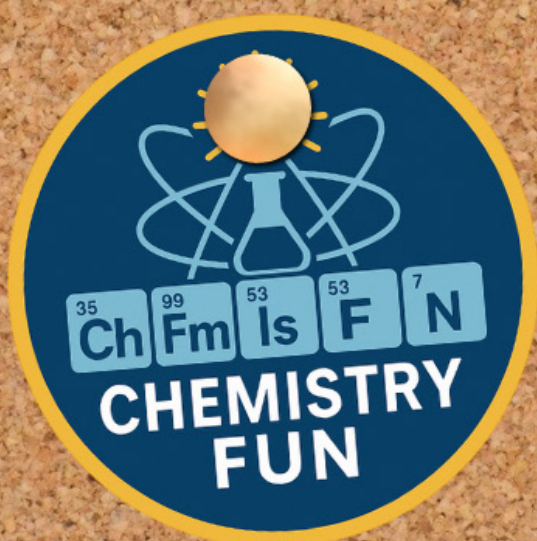




## Periodic Table Word Search

G	E	R	M	A	N	I	U	M	R	I	L	I	L	O	U	G
B	U	E	O	H	Y	D	R	O	G	E	N	R	I	F	I	C
A	C	A	R	B	O	N	Y	Z	S	S	O	O	T	V	I	V
G	O	N	H	O	O	H	E	L	I	U	M	N	H	S	X	Q
B	I	F	D	B	Y	A	N	O	D	W	U	R	I	O	U	V
R	C	E	W	P	N	B	A	Q	M	L	Y	Z	U	D	S	M
O	G	O	L	D	G	E	Y	F	S	I	M	H	M	I	E	E
M	O	O	E	H	K	R	A	B	Y	B	K	K	Z	U	L	R
I	T	I	N	B	Y	Y	L	P	N	E	O	N	I	M	E	C
N	H	Y	M	G	C	L	U	L	C	X	V	K	G	X	N	U
E	M	J	O	K	I	L	M	A	B	U	V	Y	L	I	I	R
Y	F	P	O	C	D	I	I	T	A	S	V	R	C	A	U	Y
H	G	U	F	E	H	U	N	I	R	H	N	E	B	I	M	M
V	H	J	M	Z	C	M	U	N	I	S	I	L	V	E	R	N
R	A	D	I	U	M	L	M	U	U	K	X	Q	C	G	T	J
H	A	R	G	O	N	C	R	M	M	G	T	H	V	E	H	F
H	W	N	P	R	W	O	R	F	L	U	O	R	I	N	E	W

Credits: WordMint



What do you call  
an acid with  
an attitude?

Answer: A-mean-o acid!





# DATES FOR YOUR DIARY

See details of upcoming seminars at <https://www.ucd.ie/chem/newsevents/schoolofchemistryseminarseries/>

Autumn Trimester Teaching Term  
**8 September – 28 November 2025**

Safety Talk for Incoming Staff and Postgrads  
**Wed, 18th September –**  
**Newman Building (Arts Block) in Room NEWM G107.**

Wheeler Lecture  
**Thu, 9th October –**  
**Further info will be provided in due course.**