



# EVENT PROGRAMME

Check out <http://corkdiscovers.org/> for more information on the venues.

**PHOTO & VIDEO COMPETITION:** Post your best pictures and video clips on social media using the **#CorkDiscovers** for your chance to win prizes!!!

## Western Gateway Building, University College Cork

**Event**

**Time**

**Room**

**Audience**

### See for yourself... Demos & Exhibitions

**Research Exhibition** featuring:

- Science Shop: Ask us a question!
- Future Researchers: Kids Zone play area
- Career Cafe - explore careers from Archaeology to Zoology
- Improving Health for Mothers and Babies around the world - Meet INFANT researchers
- The Future is Green...and Blue! - Meet MaREI and ERI researchers
- There's something in the Air
- Science adventures - investigate speech, balance and hearing
- In Search of the Perfect Crisp
- Aquaponics in Action
- Making sustainable agriculture a reality
- Marie Skłodowska-Curie Research Funding & EURAXESS

Drop in anytime:  
5.00-8.00

Atrium

All

**Exploring Inside Food:** Use virtual reality to experience inside food first-hand and learn more about the food you eat

5.00-5.30

G13

7+ years

**From Then to Now: a Look at the Evolution of Food Crops**

6.00-6.30

G13

7+ years

**Fermented Foods Demo:** Good microbes and their health benefits: Join APC Microbiome Ireland to learn how kefir, kombucha, and sauerkraut are made

6.30-7.00  
7.30-8.00

G15

13+ years

**CAVE Performance:** Listen to UCC's digital music ensemble perform on instruments of their own creation

6.30-7.00

Atrium

All

### Get stuck in... Interactive Workshops

#### Cultural Heritage

**Hello Europe, Ireland Calling!** Games, Quizzes, Smoothie-Making Competitions, Video Screening and more!

Drop-in anytime:  
5.00-7.00

106  
First  
Floor

6-15 years

**SHOCC Waves!** Mapping Sound in Cork City, Past and Present: Learn how researchers create soundscapes

Drop-in anytime:  
5.30-7.30

G17

All

**Multilingual Ireland: Languages, Identities and Cultural Exchange:** Reflect on your everyday experience of multilingualism through a series of hands-on activities

6.00-6.30  
6.30-7.00  
7.00-7.30  
7.30-8.00

G08

16+ years

**Language Explorers:** A workshop for children on languages of the world involving interactive games, storytelling and story writing

6.30-7.00  
7.00-7.30  
7.30-8.00

G09

6-12 years



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## Science & Technology

<b>Native Scientist:</b> French language workshop exploring various scientific concepts through hands-on experiments	5.30-7.00	G04	8-12 years
<b>Neurobell: Using Artificial Intelligence to read Brain Waves:</b> Hands-on workshop exploring how sonification and Artificial Intelligence are used for EEG (brain waves) analysis and the detection of seizures in new-borns	Drop in anytime: 5.00-8.00	G26	15+ years
<b>Fantastic DNA!</b> Become a scientist and extract DNA from banana cells to bring home with you	6.00-6.45 7.00-7.45	Atrium Pick-up Point	7-11 years
<b>Solve the Crime workshop - Chemistry has all the Solutions!</b> Learn how to chemically test evidence, fingerprint and prepare footwear casts to identify the guilty party	6.00-7.30	Atrium Pick-Up Point	10-14 years
<b>MakerDojo: Kitchen Table Science</b> made possible by Science Foundation Ireland. Join us and take a creative, DIY approach to technology, science and engineering	7.30-8.30	G04	All

## Come visit... Tours and Open-Door Events

<b>Alimentary Adventures - "The Guts of digestion":</b> Tour through an inflatable human digestive system while hearing from APC researchers about the human microbiome and the influence it can have on health and wellbeing	Drop in anytime: 5.00-7.00	G14	7+ years
<b>An Bothán - Portraying Living Conditions in Famine sod cabins:</b> Includes a visit to a replica cabin, something you won't forget	6.30-7.30	G01	All

## Let's Talk Research...

<b>CAVE:</b> Learn about UCC's technology-based music performance ensemble and experience a live performance	6.00-6.30	G18	All
<b>Vaccines: Folklore of the Past &amp; Facts of the Present:</b> Explore how vaccines work and how they have been so successful in reducing the previously high burden of infectious diseases	6.15-6.55	G02	16+ years
<b>Social Science Matters:</b> Discover how social scientists address key questions affecting everyday lives in the 21st century from migration to creating environmentally-sustainable societies	7.00-8.00	G18	All
<b>Cork Bitesized: Sample a range of research topics:</b> <ul style="list-style-type: none"> <li>• Fantastic Beasts and where to find them: Use of Greek and Latin mythology in modern literature</li> <li>• From light bulbs to virtual reality display screens: Why are light bulbs disappearing?</li> <li>• Making it as a Professional Footballer - Can Date of Birth Make a Difference?</li> <li>• Photonics Packaging: A Route to Next Generation Portable Devices</li> <li>• Impact of western diet on Listeria monocytogenes infection</li> </ul>	7.00-8.00	G16	16+ years
<b>Creating Corporate Sustainability: Can Women Make a Difference?</b> Is it ok for companies to make profits at any cost? What makes companies act the way they do and can we change them? Are women more ethical or more responsible than men? Do we expect them to be and if so why?	7.30-8.30	G03	16+ years



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### Nano Nagle Place

Event	Time	Room	Audience
<b>Cultural Heritage and the Digital Age Workshop:</b> Build a model of a Jedi Island as part of this hands-on workshop and make your own personalised gift to take home	5.00-5.50 6.10-7.00	Goldie Chapel	All
<b>Nanotechnology and Art:</b> Talk on nanomaterials for art conservation and preservation	6.00-7.00	Heritage Lecture Theatre	Adults 16+
<b>Cultural Heritage and the Digital Age Exhibition</b>	Drop in anytime: 7.00-9.00	Goldie Chapel	All
<b>Touring Cork City Through Sound:</b> A virtual listening tour of oral histories from North and South Main Streets in Cork	7.30-8.00	Heritage Lecture Theatre	All

### Blackrock Castle Observatory

<b>Extreme Environments – Today's Research for Tomorrow's World:</b> Talks and demos exploring how advances in research including bio-technology and artificial intelligence challenge the way we see the world	7.00-9.00	Theatre & Exhibit Hall	All
<b>Our Malleable Memories:</b> Participate in classic psychology experiments and learn how your memory works and how this relates to false confessions, repressed memories and claims of demonic possession	8.00-10.00	MakeSpace Room Ground Floor	Adults 16+

### St. Peter's Cork

<b>Beer, Bread and Biotech:</b> A whistle stop tour of the past, present and future of all things fermented with an opportunity to sample the results of some yeast biotechnology!	6.00-8.30	Exhibition Hall	All
<b>Turning Wastewater into Biodegradable Plastic and Food:</b> Learn how the NEWTRIENTS project converts dairy processing wastewater into bioplastics and food for animals!	6.00-8.30	Exhibition Hall	All

### Cork Public Museum

<b>Dig the Past!</b> Experience how archaeologists reconstruct life and diet. Try identifying the bones of prehistoric animals and remains of ancient crops in 'hands on' sessions; make your own spindle whorl and learn to spin and weave; try grinding grain on a prehistoric hand mill; try the products of a butter churning demonstration with prehistoric-style bread! Children under 12 can be an archaeologist for the day in our digging lab!	3.00-7.00		All
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### Glucksman Gallery, University College Cork

Event	Time	Room	Audience
<b>Exhibition: Josef and Anni Albers: Voyage inside a blind experience</b> Is it possible to experience abstract artworks without using your eyes? How can a visual art exhibition be experienced by people who are partially sighted or blind? Josef and Anni Albers: Voyage inside a blind experience considers these questions by presenting key works from the artists alongside tactile models, braille texts and playful art encounters led by touch	10.00-7.00	Gallery Space	All
<b>Global Water Dances - Local Dance, Global Issues:</b> Explore the power of movement and dance to tackle global issues and facilitate social cohesion through an interactive workshop - open to anybody who loves to move!	5.00-5.45	River Room	All
<b>Youth Theatre Teaches? Drama Workshop:</b> Explore Youth Theatre practice as a site for developing social and artistic skills at this interactive workshop	6.00-7.00	River Room	15-21 years
<b>Get some perspective:</b> Utilising real and virtual gallery spaces for interdisciplinary learning and teaching. Contact 021-4901844 or email <a href="mailto:education@glucksman.org">education@glucksman.org</a> for more details	6.00-7.00	Gallery Space	Adult

### UCC Visitor Centre, UCC Quadrangle

<b>Historical UCC Campus Tour</b>	6.00-7.00	Visitor Centre Main Quad	All
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### Outside St Finbarr's Cathedral

<b>Friars' Walk: a Walking Tour of Cork's Monastic Sites:</b> Visit Cork's medieval sites of the Augustinian, Dominican and Franciscan friaries as well as the present-day Franciscan church. Learn about the history and architecture of the sites and the Monastic Ireland Project	6.00-7.45	Meeting point outside St. Finbarr's Cathedral	All
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### Old Oak Pub

<b>PubhD:</b> Three PhD students explain their research in a relaxed environment. Topics range from food formulation, global warming and its effect on coral reefs, and the madness of Irish mothers as depicted in the works of George Egerton	7.00-9.00		Adults 18+
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### Spoilpín Fánach Pub

<b>Bright Club:</b> A variety night for lateral minds, where researchers become comedians for a night! The event will feature academics from science, humanities, and social science using stand-up comedy to explain their work	8.00-10.00	Upstairs Function Room	Adults 18+
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