



Centre for Research in Medical Devices

ABOUT CÚRAM

With six academic partners and over 33 industry partners, CÚRAM is establishing a global hub of research expertise in medical device technology. Backed by Science Foundation Ireland and industry partners, researchers at CÚRAM are designing the next generation of medical devices to radically improve health outcomes and quality of life for patients suffering from chronic illness.

CÚRAM's public engagement programme works to raise awareness and understanding of its research and the significant impact that Irish research has on healthcare in our society. The Teachers in Residence programme aims to support teachers in inspiring the next generation of scientists and engineers in Ireland.



CONTACT US

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TEACHERS IN RESIDENCE PROGRAMME



WHAT IS THE TEACHERS IN RESIDENCE PROGRAMME?

CÚRAM's Teachers in Residence programme supports both primary and secondary school teachers in science education and promotes equal opportunities in science for all students in the classroom.

The programme has ten places available for five primary and five secondary school teachers this year and will run from October, over ten evenings until March 2018. The sessions will be held twice a month between 6pm and 8pm.

Teachers work directly with researchers to develop content for the classroom, while learning about the medical device research being carried out at CÚRAM.

Teachers and their classes will also be invited to attend interactive workshops at CÚRAM during the Galway Science and Technology Festival in November.

DATES FOR THE 2017 – 2018 PROGRAMME

- **Wednesday 25th October** – Overview of programme and introduction to biomaterials
- **Science Week Workshops: 13th November - 25th November**
- **Wednesday 15th November** - Stem cells, tissue engineering and regenerative medicine
- **Wednesday 29th November** - Designing for the heart
- **Wednesday 13th December** – Designing for the brain
- **Wednesday 17th January** – The musculoskeletal system and tendon repair
- **Wednesday 31st January** – Promoting equal opportunities in science in the classroom
- **Wednesday 14th February** – Lesson plan development in collaboration with researchers
- **Wednesday 28th February** – Lesson plan development in collaboration with researchers
- **Wednesday 14th March** - Presentations for lesson plan

WHY TAKE PART?

During the residency, teachers will be introduced to and linked to the wide range of educational resources provided by Science Foundation Ireland and NUI Galway. Participants will hear about the ReelLife Science video competition for primary and secondary schools and given tips on how to enter and develop content.

Participants will be invited to attend interactive educational workshops with their students, run by CÚRAM, during the Galway Science and Technology Festival in November.

Teachers will be given a chance to discuss challenges associated with teaching Science and STEM subjects from both a primary and secondary school level and a guest speaker will lead a discussion around encouraging equal opportunities in STEM careers for both boys and girls.

Teachers will also be working directly with leading researchers to develop high quality content for the classroom that is relevant, exciting, practical and easy to use. All content developed during the residency will be shared with all participants.



To apply for a place or to find out more please contact

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