

# ARE YOU A FEMALE STUDENT ABOUT TO EMBARK ON A THIRD LEVEL COURSE IN SCIENCE, TECHNOLOGY OR ENGINEERING?



## BE SURE TO CHECK OUT THE INTEL WOMEN IN TECHNOLOGY SCHOLARSHIPS WHICH AWARD SELECTED STUDENTS WITH:

- A monetary grant valued at €3000 per annum
- An intern placement at the Intel Leixlip, Shannon or Cork campus
- An Intel mentor to assist with your career progression and further education

The 2016 Intel Women in Technology scholarship program is open for applications and the deadline for applying is **October 1st 2016**.

Full program criteria, further information and online application can be found at [www.intel.ie/womenintechology](http://www.intel.ie/womenintechology)

## LEADING WOMEN IN TECH ARE HONORED AT INTEL WOMEN'S ACHIEVEMENT AWARDS

In conjunction with International Women's Day on March 8th, Intel took the opportunity to recognise and to celebrate local women by hosting for the second time the Intel Women's Achievement Awards. The presentation of these awards took place at a special ceremony held at Intel's campus in Leixlip where broadcaster Miriam

O'Callaghan joined with Intel's Fab 24 Factory Manager and Vice President of the Technology Manufacturing Group Ann-Marie Holmes, renowned Irish jockey Katie Walsh and Director of CPL Recruitment Peter Cosgrove to participate in a panel discussion and to present the recognitions to a group of 8 women.

- Maura O'Connor, Intel's Construction Group
- Ann-Marie Brooks, Intel's Talent Acquisition Group
- Maryam Tahhan, Intel Shannon
- Judith Rogers, Intel's Manufacturing Development Group.

- Alice Brennan, Intel's Education Group
- Aine Munroe, Intel's Fab 24
- Patricia McLoughlin, Intel's Fab 24
- Aoife Tierney, Intel's Fab 24



# WELCOME TO OUR NEW LOOK NEWSLETTER!

Twice a year Intel shares throughout the local community a print newsletter which is designed to bring you a selection of the latest news and events from Intel.

The newsletter provides a summary of the numerous different activities, programs and events which happen throughout the year – why not keep in touch on a regular basis by visiting our dedicated Intel Ireland newsroom online – [www.newsroom.intel.ie](http://www.newsroom.intel.ie).

The Ireland newsroom is regularly updated with a variety of articles, blogs and stories and is a fantastic resource for us to share with you all of our latest news as it happens.

## YOU CAN ALSO FIND US ON SOCIAL MEDIA:



@INTEL\_IRL



FACEBOOK.COM/INTELIRL



YOUTUBE.COM/INTELIreland

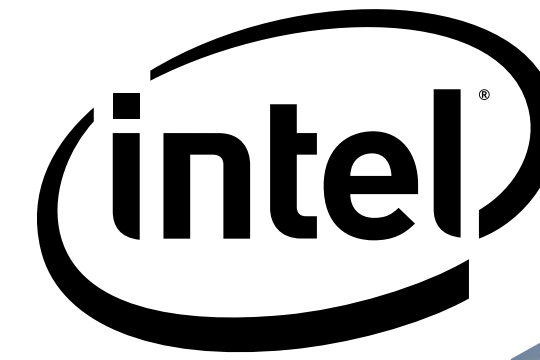


In March this year almost 4,000 students from primary and secondary schools across Ireland took part in Intel activities as part of Engineers Week 2016. Engineers Week is a week long program of nationwide events with the aim of celebrating the world of engineering and sparking enthusiasm about the engineering profession to people of various ages with little or no engineering background.

In addition to the school outreach program Intel ran a social media campaign throughout Engineers Week which included taster posts into the various areas of engineering which are central to the Intel operations in Ireland as well as posts as part of the #ILookLikeAnEngineer campaign which is a movement that aspires to break the stereotypes placed on the engineering industry.



Want to find out more? [www.intel.ie](http://www.intel.ie) +353 1 606 7000 [intelireland.corporate.affairs@intel.com](mailto:intelireland.corporate.affairs@intel.com)



## INTEL NEWS SUMMER 2016



## DEAR NEIGHBOUR, HELLO AND WELCOME TO THE SUMMER 2016 EDITION OF THE INTEL NEWSLETTER

2016 so far has been a busy and an exciting time for Intel here in Ireland and there have been many highlights and many proud achievements in recent months.

We have continued to deliver world class results on production of Intel's leading edge 14nm process technology and we were excited to see an Irish designed technology, the Curie™ module, make an impressive impact at the world renowned Consumer Electronics Show in January of this year where Intel showcased the button sized chip for the first time.

And so too it has been an important time for the broader company as our CEO Brian Krzanich recently shared details of our strategy for the future as we

look to accelerate our transformation as a company. In sharing details of this new strategy Krzanich said;

'Our strategy itself is about transforming Intel from a PC company to a company that powers the cloud and billions of smart, connected computing devices. We head into the future with tremendous assets and advantages: our spirit of innovation, our technology and manufacturing leadership, and the trust of our customers. We are in a time when technology is valued not just for the devices it produces, but for the experiences it makes possible. Intel will lead in this new era by remaining true to our history as inventors and makers, as a global leader in manufacturing, as world class innovators'.

Many of our local achievements are captured in this newsletter which, as many of you will notice, has taken on a fresh design and shares brief snippets of the highlights of recent months. In an era where information is shared at an increasingly fast pace, I would encourage you to stay connected with us on a regular basis by visiting our online newsroom or following our updates on social media.

As we look ahead to an equally busy and exciting second half of the year I would like to thank each of you for your continued support and hope that you will enjoy the rest of your summer.

kindest Regards  
 **Emonn Sinnott**  
 Intel Ireland General Manager

## IRISHWOMAN ANN-MARIE HOLMES APPOINTED AS VICE PRESIDENT OF INTEL

Ann-Marie Holmes, the Factory Manager of Intel's Fab 24 advanced manufacturing facility, located in Leixlip, Co. Kildare, has become the latest Irishwoman to be appointed as a Vice President of Intel, a major honour for her and a significant endorsement of the contribution of Irish talent to Intel.

Ann-Marie, who currently holds the Factory Manager position at one of Intel's most advanced fab facilities, has been named Vice President, Technology and Manufacturing Group.

In 2012 Ann-Marie was named as the factory manager of Intel's

Fab 24 facility in Ireland – one of the world's most advanced facilities and the location of production of Intel's latest process technology. As Fab 24 Factory Manager Ann-Marie is responsible for all aspects of advanced manufacturing taking place in the fab on the 14nm process technology node which was recently introduced to Ireland following a \$5 billion investment by Intel to upgrade the Irish facilities.

In her role Ann-Marie is responsible for all aspects of the Fab 24 plant which employs more than 3,000 people; including safety, people and operational metrics for 14nm high-volume manufacturing.







## GMIT STUDENTS TAKE TOP PRIZES AT INTEL GALILEO TECHNOLOGY COMPETITION

On Friday April 8<sup>th</sup> the final of the Intel Galileo 3rd Level Technology Competition took place at the Science Gallery in Dublin. The competition, which has been running since the beginning of January, is open to all 3<sup>rd</sup> level undergraduate students on the island of Ireland.

The competition invites students to create projects based on the Irish designed Intel Galileo board. Since 2014 almost 1000 Galileo boards have been provided to 21 different institutions across Ireland who have been integrating them into curriculum plans and using the boards for

a variety of research projects. This was the second year of the Intel Galileo Technology competition which was created to give students the opportunity to showcase the projects that they have been creating with the Galileo boards.

Following the first round of the competition, which involved students submitting their project ideas and a short video summary online, a shortlist of finalist projects was selected.

The 8 finalist Projects were;

- **Cereal Monitoring System** by Alan Holland from GMIT
- **Bluetooth and Wi-Fi controlled data gathering car** by Ronan Watkins from GMIT
- **G-Tune** by Colin Gill, GMIT
- **Tech Smart Home** by David Walshe from GMIT
- **P.E.S.** by Wai Hong Keet from Dundalk IT
- **Plants Need Nurturing** by Yipeng Shen from Carlow IT
- **IoT Security Evaluation** by Dáibhéid Denmead & Niall Myron from DIT
- **"Frida" the smart fridge** by Elias Kelly & Julia Faulstich from IADT

The finalist projects, who were vying for a top prize of €1000, were judged by representatives from Intel who selected two projects as overall winners such as the high standard of the competition. The winning projects, both from Galway-Mayo Institute of Technology (GMIT), were Tech Smart Home by David Walshe and G-Tune by Collin Gill.

To find out more about the Intel technologies for the maker community visit [www.intel.com/maker](http://www.intel.com/maker)



## INTEL IRELAND PICKS UP GRADUATE RECRUITMENT AWARD AND HR LEADERSHIP & MANAGEMENT AWARD

On April 28<sup>th</sup> almost 600 of Ireland's graduate recruiters, course providers and stakeholders came together at Dublin's Mansion House to celebrate achievements and innovation in the graduate recruitment area.

On the night Intel Ireland was named Most Popular Graduate Recruiter in the Engineering Sector for the third year in a row. Intel Ireland also picked up a Bronze award in the Best Innovation on Campus category for our innovative Electric Engagement campaign which provides a series of supports to students, graduates and career officers across Ireland.

Intel also recently picked up the prestigious award for Best Learning & Development Strategy at the annual HR Leadership & Management Awards. Intel, who were shortlisted for 3 awards on the night, picked up the award for Best Learning and Development Strategy. Having unveiled a landmark new technology – the Quark system-on-a-chip – Intel Ireland's HR team pioneered a highly innovative Learning & Development strategy to facilitate the journey for their new tech creation to move rapidly from start-up phase to operational excellence, international growth and business capability maturity.



## INTEL AND UCD SIGN FIRST EVER PARTNERSHIP TO BOOST INNOVATION

On Friday March 4<sup>th</sup> a memorandum of understanding was signed by Eamonn Sinnott, who is the General Manager of Intel Ireland and Vice President of Intel's Technology Manufacturing Group, and UCD President, Professor Andrew Deeks.

The new partnership will focus on three areas: talent, research, and national policy associated with research and education. It includes the support by Intel of a structured Masters programme to ensure students receive education and training

which is aligned to the needs of industry. In research the partnership will explore broad areas for collaboration with a view to attracting new investment, informing key research questions and achieving breakthrough results for both parties.

The new partnership is the culmination of a longstanding relationship between UCD and Intel which has included the provision of high quality graduates who have worked in Intel Ireland along with the collaboration between the two on a number of research activities.



## INTEL EMPLOYEES DANCE THEIR WAY TO €37,500 FOR CHARITY!



The event itself was modelled on the format of the popular TV series Strictly Come Dancing and involved 17 different couples performing a variety of routines as well as taking part in group numbers. All of the performers on the night work at the Intel campus in Leixlip and volunteered to be part of the event which involved weeks of dance training and rehearsals along with fundraising for the signature charities through sponsorship and ticket sales.

Confey GAA Club in Leixlip were generous hosts of the event on April 22nd and in front of a packed audience each of the 17 couples performed individually before returning to the stage for a Grease inspired group routine. Following this the top 5 couples were announced before the overall winners were revealed. The prestigious title was won by Gavin Kenny and Grainne Ryan who wowed the crowd with a lyrical style routine

In April this year 34 employees from various departments across Intel took to the stage for the first ever 'Intel Does Strictly', which was the latest in a series of fundraising activities in support of Intel's 2016 signature charities The Parkinson's Association of Ireland and The Irish Dogs for the Disabled.

The night was an overwhelming success with €37,500 being raised for the Parkinson's Association of Ireland and the Irish Dogs for the Disabled. This will be combined with monies raised through other events with the total overall fundraising amount being revealed at the end of the year.

## TIMAHOE STUDENTS ARE CROWNED THE INTEL MINI SCIENTISTS

On January 22<sup>nd</sup> students from across Ireland took part in the Intel Mini Scientist Grand Final, an event which is the culmination of the nationwide competition which has been running since September 2015.

The Intel Mini Scientist, which is now in its 9<sup>th</sup> year, gives primary school students from 4<sup>th</sup>, 5<sup>th</sup> and 6<sup>th</sup> class, the chance to explore science through project based learning and exhibitions.

The 2015 / 2016 initiative was the biggest year yet for the Mini Scientist competition with more than 6,000 students from 105 schools in 14 counties of Ireland taking part. This year there were almost 2,000 projects exhibited as part of the Mini Scientist competition and the Grand Final brought together the top 22 projects from across the country.

The Grand Final, which was attended by Minister of State at the Departments of Education and Skills & the Department of Jobs, Enterprise and Innovation Damien English, was filled with innovative and imaginative projects, put together through

months of hard work and the judges, after a very difficult task of deliberation selected their winning projects.

6<sup>th</sup> class students Laura Miller and Sinéad Buggy, who are both aged 12, were behind the winning project 'Game Changer – Leaping Labradors' which involved the creation of a digital game for visually impaired children. The girls conducted extensive research amongst a number of interest groups before embarking on the design of their video game 'Leaping Labradors'. The game is a typical platform game with the aim of reaching the highest possible level while collecting points along the way. The game is specifically designed for visually impaired players.

Just weeks after being named the Mini Scientist winners Laura and Sinéad, along with their classmates, were welcomed to Áras an Uachtaráin by the President of Ireland, Michael D. Higgins who paid tribute to the school and its teachers for giving the pupils the necessary encouragement, support and practical assistance for them to pursue their love of science.

<b>GRAND FINAL OVERALL WINNER RUNNER-UP AWARDS</b>	<b>Game Changer, Leaping Labradors, Timahoe NS, Co. Laois</b> <b>Bike Phone Charger, CBS Primary, Ennis NS, Co. Clare</b> <b>Lungs, Wicklow Montessori School, Co. Wicklow</b>
<b>ADDITIONAL SPECIAL PRIZES WERE AWARDED AS FOLLOWS:</b>	
<b>BEST COMMUNICATIONS AWARD</b>	<b>Buzzy Bees, SN Colmcill Naofa, Moone, Co. Kildare</b>
<b>BEST PROJECT BOOK</b>	<b>Heat from Below, Tubberclare NS, Co. Westmeath</b>
<b>BEST VISUAL DISPLAY</b>	<b>Light &amp; Reflection, Gaelscoil Eiscir Riada, Lucan, Co. Dublin</b>
<b>MOST INNOVATIVE IDEA</b>	<b>Energy Speed Ramps, St. Mary's Primary School, Enfield, Co. Meath</b>

**Calling all Primary schools!**

Mini Scientist 2016 will kick off in September and your school is invited to take part - if you would like to register your school please visit [www.miniscientist.ie](http://www.miniscientist.ie) and use the link provided to register your interest in the competition - once you have registered your interest you will be invited to submit your entry details from September 1st.



## INTEL IRELAND DONATES €576,079 TO COMMUNITY ORGANISATIONS IN IRELAND

On April 14<sup>th</sup> Intel celebrated and recognised the success of its 2015 Matching Grant Program, rewarding 158 community organisations and schools from across Ireland with €576,079. The organisations who received funding as part of 2015 Matching Grant Program included charities such as Irish Motor Neurone Disease Association and Society of St. Vincent De Paul in Leixlip, a variety of sporting clubs ranging from GAA to Basketball Clubs, and various other organisations such as the ISPC, scouting groups, schools and community groups.

The unique nature of this program is that it empowers employees to make a difference not only through their hours volunteered but also to reward their organisations with matched funding from the Intel Foundation.

The program aims to encourage Intel employees to engage in outreach and volunteerism by supporting them in giving their time and talent to qualified non-profit organisations and schools. After a minimum of 20 hours has been accrued by Intel employees volunteering at a school or qualified non-profit organisation, a donation or "match" will be triggered from the Intel Foundation. Grants are then paid out at \$10 for every hour volunteered by an Intel employee.

In 2015 Intel employees volunteered over 80,000 hours including 67,668 that were eligible to be matched through this initiative



resulting in an estimated payout of over €576,079 (\$676, 680) for the recipient organisations.

This is the eighth year that Intel has implemented the current grant scheme and to date over \$3.5 million has been donated to organisations across Ireland. The total number of hours volunteered by employees during this time is the equivalent of having 32 people working full time in the community for the full 5 years.

The recipient organisations received their grants at a special ceremony hosted at Intel's Leixlip campus where a number of special guests, including Irish legend Sonia O'Sullivan, were on hand to help present the grants along with Intel employees who volunteer as part of the program.

## IRISH STUDENTS TRIUMPH AT INTEL ISEF, WORLD'S LARGEST SCIENCE FAIR

In May the annual Intel International Science and Engineering Fair (ISEF), which is the world's largest high school science research competition, was attended by more than 1,700 young scientists selected from 419 affiliate fairs in 77 countries, regions and territories.

At this year's event, which took place in Phoenix, Arizona, 4 teams representing Ireland and Northern Ireland took part having secured their places at Intel ISEF after they became winners of Intel sponsored prizes at various Ireland and EU based science fairs over the past 12 months.

- Lauren Murphy, a transition year student at Loreto Secondary School in Balbriggan was awarded a third place prize in the Computational Biology and Bioinformatics category for her project: 'A Rehabilitation Aid for the Treatment of "Clenched Fist" Condition in Multiple Sclerosis'. Lauren was selected to attend ISEF after she was named Sentinus Young Innovator 2015.
- Louis Madden, a fifth-year student from Larcy College, Clones, Co. Monaghan picked up two special awards at the event

Also taking part at Intel ISEF this year were Gabriel Barat and Adrian Wolniak from Synge Street CBS in Dublin with their project 'A Mathematical Model of Coffee Rust'. The Dublin students were selected as the Intel student award winners at the BT Young Scientist and Technology Exhibition 2016.

Eimear Murphy and Ian O'Sullivan from Coláiste Treasa in Kanturk, Co. Cork also took part at the event in Phoenix after being selected as prize winners at the EU contest for Young Scientists in Milan last year for their project 'Alcohol consumption: Does the apple fall far from the tree?'

