

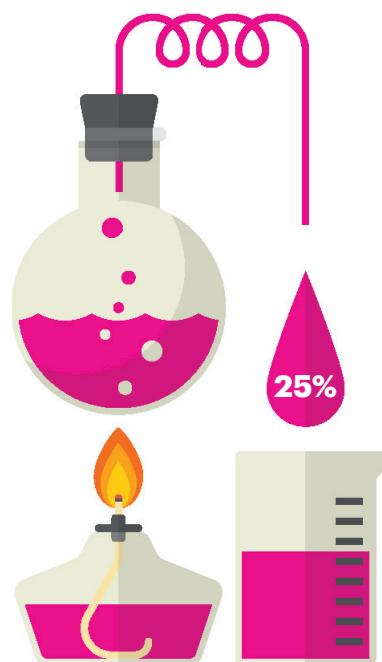
About the Programme

In 2016, Dublin City University (DCU), Accenture and the 30% Club launched a pilot internship programme aimed at highlighting the careers available to pre-service STEM teachers, as well as giving them hands-on experience of STEM in the workplace.

Through the support of the 30% Club and Connecting Women in Technology (CWIT), the programme has been expanded to more companies. To date, eleven third year students from the BSc Science Education at DCU have completed a twelve-week paid internship in Accenture, AIB and Intel. This year will see further expansion of the programme with more companies including Vodafone, Virgin Media and IBM offering internships and inclusion of students from the B.Ed Primary Teacher Education specialising in Digital Learning.

The long-term aim is to introduce the internship to all STEM teaching programmes on offer at DCU and make this internship a formal part of course accreditation.

Women make up just 25% of people working in STEM-related jobs and one of the contributing factors for this is that information on STEM career paths is fragmented and less obvious than other disciplines, making it difficult for teachers, parents and young people to evaluate the options.



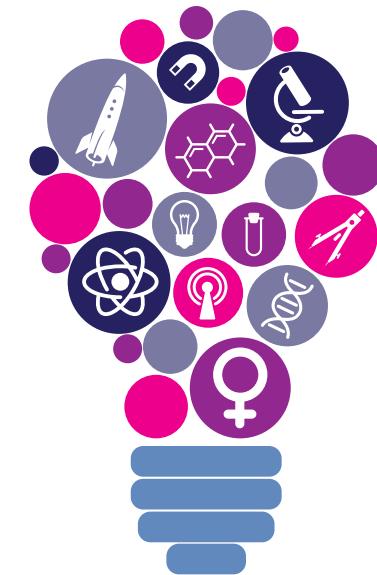
Objectives of this Programme

This is a paid 12-week summer internship. The interns are recruited as a part of the team and given a variety of roles in data analysis, coding, testing and project development. The authentic, first-hand experience of applying STEM in the work environment as well as exposure to other STEM professionals empowers the teachers to confidently articulate the vast range of opportunities that a career in STEM presents. It enables them to draw upon their own experience and the personal relationships they establish with other STEM professionals when it comes to advising their students' career choices.

Please reach out to eilish.mcloughlin@dcu.ie for more information.



More than half of teachers (57%) admit to having personally made subconscious stereotypes about girls and boys when it comes to STEM subjects.



2018 Programme Key Dates

- | | |
|-----------------|--|
| 11th Oct | Launch of 2018 Programme in Dublin City University |
| 15th Nov | Confirmation of positions available in each host organisation
CVs and Personal statements to be submitted by candidates |
| 30th Nov | Ranking of candidates completed by host organisations |
| 15th Dec | Interns assigned to host organisations by DCU* |
| 31st Jan | Host organisations arrange meet and greet sessions with the interns and communicate the internship start and end dates |
| 28th May | Earliest possible start date |
| 7th Sept | Latest possible end date |

*Assignments will take into account the host organisation ranking and candidate preference

STEM Teacher Internship Programme



connecting women in technology

Programme Partners

"At DCU our students, the educators of tomorrow, will have a key role to play in sparking and encouraging interest in STEM subjects. This initiative is an important step in tackling the negative stereotypes and challenges that exist when helping young women to explore the potential and opportunities of STEM careers."

Brian MacCraith, President, DCU

"We believe increasing teacher appreciation of STEM-related career opportunities will support teachers in encouraging girls to study these subjects. The internship programme is a particularly effective way to do this; we are grateful to DCU and Accenture for their leadership and strongly welcome other companies taking part."

Brid Horan, 30% Club Steering Committee

"We know that diversity is essential for a successful business and we need to future proof the talent pipeline, particularly for careers in STEM. The teachers are key influencers and as the first cohort of interns taken on by Accenture in 2016 have started their teaching careers, their exposure to hands-on industry experience is translating into providing better guidance to their students by bringing their own experience to life in the classroom."

Paula Neary, Managing Director, Accenture

"Intel's contribution to STEM education in Ireland has been enhanced by our collaboration in this Internship Programme. Having a future STEM teacher involved strengthened our contribution to our STEM outreach programme and we value the opportunity to work directly with the teaching community."

Sarah Sexton, Communications Manager, Intel Ireland.

"CWIT is a collaboration of 18 technology companies, who actively work together to attract, retain, empower and develop women in the Irish Technology sector. By offering DCU teacher internships, we are encouraging generations of future female students towards STEM careers."

Lisa D'Arcy, Chair, CWIT Education Committee

"I was delighted to see this programme deliver successfully because it supports diversity in STEM and brings technology and education closer together. It is definitely something I would like to see more of."

Tim Hynes, Chief Information Officer, AIB

**ONE
teacher can
influence 40,000
students in their
career**



Educators

"The impact of this programme is such that it extends pre-service teachers' competences and knowledge of STEM and enhances the teaching and learning of STEM in their classrooms/schools."

Eilish McLoughlin, Dublin City University

"This internship programme appreciates the key challenges and range of expertise necessary in solving real-world problems whilst developing important skills such as creative thinking, problem solving, team-building and skilled communication."

Deirdre Butler, Dublin City University

"Overall, I believe that the internship at Accenture in 2016 allowed me to broaden my knowledge and scope on the industries that are out there to students who study STEM subjects. The stereotype is slowly being broken down about STEM being best suited towards males and the jobs/careers that are available to graduates are both surprising and endless. It has allowed me to change my way of teaching and develop my classes into situations of both learning and working as teams which happens in real life."

Sean O'Donnell, Teacher in Adamstown Community

"While most schools in Ireland operate a broad based curriculum, many are increasingly facilitating STEM linked subjects. This provides choice for students and their parents who recognise that excellence in these areas will open opportunities for learning and employment in the future."

Des Newton, Principal of Adamstown Community College

Interns

"My overall experience throughout my internship with Accenture has been incredible. I felt a part of the community within Accenture, getting to meet amazing and inspiring people from diverse backgrounds and learning about the many ways people arrive at a career in STEM. For me as a teacher, this was the most important part of my experience this summer."

Chloe Carroll, Accenture STEM Teacher intern 2017

"I found the STEM Teacher Internship in Intel extremely beneficial. I was placed in a real industry project and settled in straight away, learning from the word go. I felt that it helped me to develop practical skills that will be a tremendous help in my future career. I would encourage anyone given the opportunity to grab it with both hands."

Helen Keenan, Intel STEM Teacher intern 2017

"At AIB, I had the opportunity to work in many different departments where I learnt the significance of applying technology in modern banking. The STEM Teacher internship gave me the chance to understand the wide variety of careers that subjects like science and maths offer. It has also highlighted to me skills that I can pass on in the classroom which can be of benefit to students who wish to pursue these careers."

Julie Robinson, AIB STEM Teacher intern 2017

