

The background features a dark blue gradient with a series of curved, glowing lines that create a sense of depth and movement, resembling a tunnel or a futuristic architectural structure. The lines are more prominent on the right side, curving towards the center.

Environmental Care Technologies – My Career Pathway so Far

PRESENTED BY NICOLA PALMER
KTP ASSOCIATE

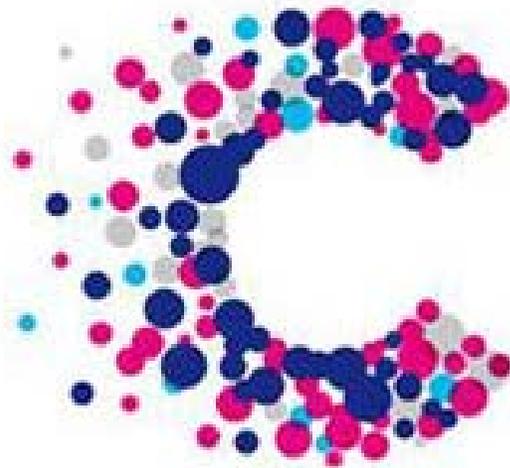
A Quick Introduction



Motivations to Study Chemistry

At 13 I decided I wanted to end up in cancer research.

Subject choices in high school all lead me down the path of applying to study Chemistry at Uni



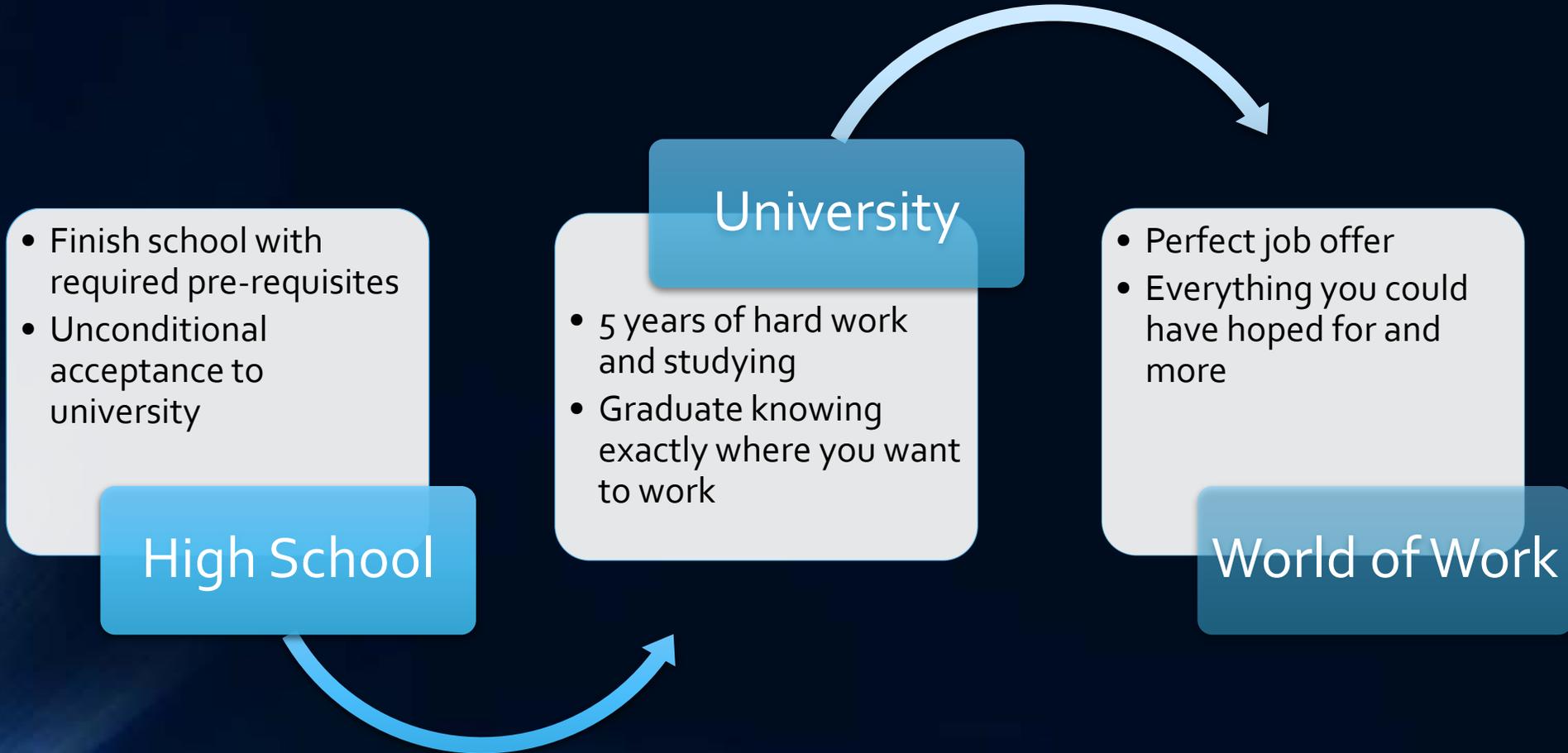
CANCER
RESEARCH
UK

How I Assumed all Chemistry Labs to be



- Completely sterile conditions
- Organised
- Filled with expensive equipment
- Access to all analytical techniques imaginable
- Access to every solvent/chemical/piece of glassware possible

University was not so Simple



Scotmas Summer Placement



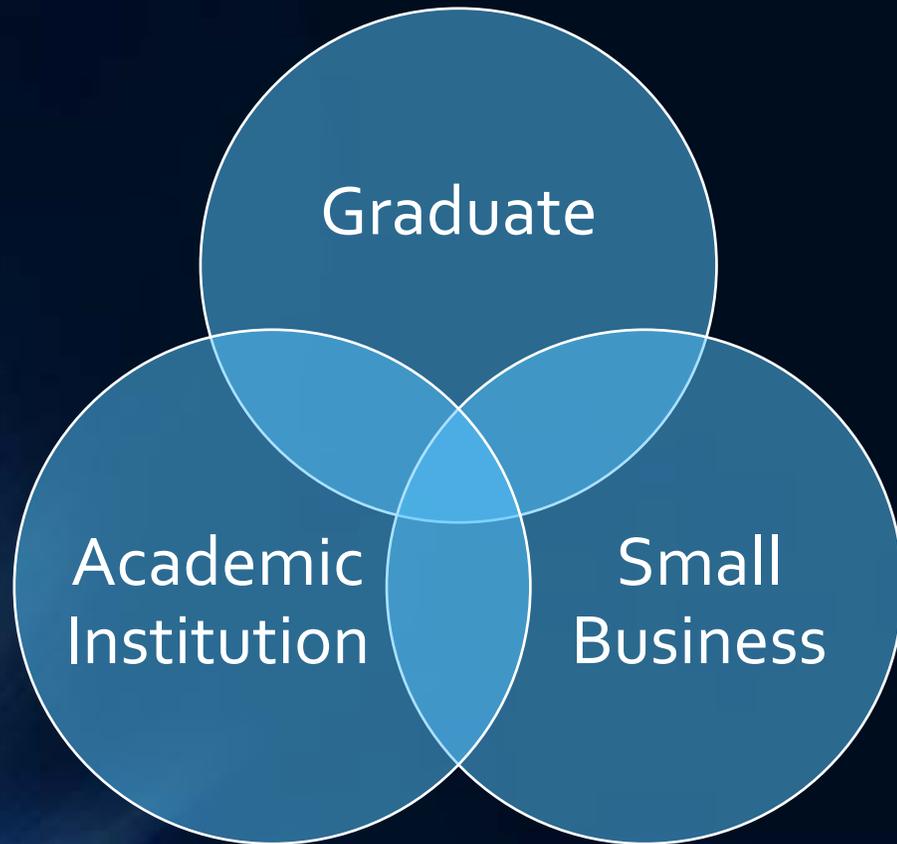
- Luckily I got a 12 week summer placement with Scotmas Ltd advertised through HWU
- Began working in an open plan office alongside chemical engineer, electricians, plumbers, engineer coordinator, engineers
- Previous idea of a chemists environment was completely wrong!

Scotmas Summer Placement

- Quickly became part of the team
- Worked alongside chem eng, electricians etc on a daily basis in project work
- Everyday was different, different questions to answer, different problems to solve
- Enjoyed being part of a multi-disciplinary team, I learned something new everyday



Knowledge Transfer Partnership Opportunity



- 3-way partnership
- Academic Institute employs recent graduate
- Graduate works at business on a specific project
- Small business has access to academic knowledge and experience previously not available

KTP Associate

HERIOT-WATT UNIVERSITY

- Employed by HWU
- 2 Academic supervisors
- Use of chemistry laboratory
- Use of analytical equipment (NMR, UV/Vis, IR)
- Access to library/journals/staff training courses
- Journals and scientific research produced

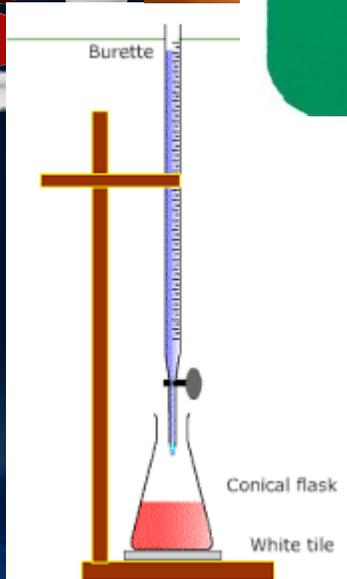
SCOTMAS LTD

- Graduate Chemist
- HWU input into a specific project
- Commercial outcomes due to the nature of the projects
- New specialised staff member to help with queries

The Associate

- 12-36 month contract with Uni
- Working on a specific project which will lead to a major commercial outcome
- Funding for Personal Development
- Experience in industry
- Published Journals
- Greater Qualification
- Majority of associates are employed by the company upon KTP ending

Daily Duties, Roles and Responsibilities



Thanks for
Listening !!!