Enterprise for Scientists

Embedding Business and Entrepreneurial Skills into the Science Curriculum

Dr. Trevor Farren
Director of Business and Knowledge Exchange
-School of Chemistry-
Industry

• Polymer Chemist → Director of Development
• Interested in New Ventures & Innovation
• Enterprise Skills - Onboarding new graduates 1.5yr
“Embedded Industrialist” in School of Chemistry

To build and entrepreneurial culture among staff and students and increase their engagement with business and industry

Absence of Business Skills in our curriculum: not considered a worthwhile academic activity!
Chemistry Business Partnership Unit

Provides a focus for business related activities bringing together relevant staff and projects within the School.

Ex-Industry Professionals

Post Doctoral Business Science Fellows

Students (UG/PG)

Secondee from Industry

Academic Staff

Fully Integrated
Bringing Business and Entrepreneurial Skills into the Chemistry Curriculum

- Post Doctoral Business Science Fellowships (PD)
- From the Bench to the Bank Programme (PG)
- MSc Chemistry and Entrepreneurship (PG)
- Enterprise for Chemists (UG)
- Industry Inspired Final Year and Vacation Projects UG)
- Year in Industry and SME Placements (UG)
- Degree Apprenticeship (UG)

‘Skills required by new chemistry graduates and their development in degree programmes, Higher Education Academy’ – November 2010’
Enterprise for (Chemists)

Final year optional module 60-80 students (including Physicists!)

Curriculum Design

Autumn Semester – Innovation and Entrepreneurship
Spring Semester – Business Skills and Awareness

Assessment – 75% Exam, 25% Presentations

Business School Interaction
4 Taught Sessions on Innovation
- A Practical Overview
- Business School Model
- Company Model
- University Model
**Team Exercise (4)**

3 weeks

3 ‘flipped classroom’ sessions