

Rebecca Farnell, Chemistry Innovation KTN

CAREER OPTIONS

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- My inspiration and motivation
 - Why I chose Chemistry
- My career to date
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Inspiration and Motivation!

- Work Experience



Didn't want an office job
Wanted to work in business

How come Chemistry.....

- Apprentice Engineer
- Standard education route
- Chemistry Laboratory Assistant

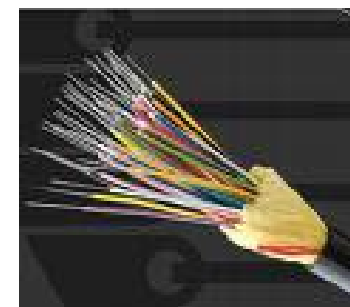
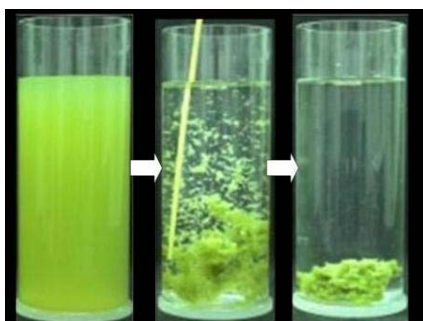
- Gathered as much information as possible

Laboratory Assistant allowed me to work and still obtain degree

Ciba - The early years (1998 – 2005)



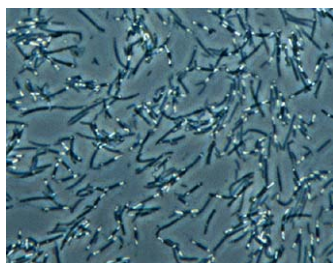
- Laboratory Assistant / Junior Chemist



Project Management, Supervisory Experience

Bio-Chemistry (2005-2008)

- Replacing petrochemical feedstock's
- Utilising safer / less energy intensive biocatalysts



Process Development (2008-2009)

- Opportunity to progress successful project
- International commissioning experience



In the meantime.....

- BSc (Hons) – Chemistry with Chemical Engineering
 - Won various awards from University and Ciba

- Where next
 - PhD?
 - Sponsored by Ciba?

Young Ambassador 2006/7

30 Monday, July 24, 2006 Telegraph & Argus Business

AWARD: CHEMIST IS NAMED YOUNG AMBASSADOR

Rebecca lands top honour

by MARK CASCI

T&A Reporter

A young Bradford woman has been appointed the UK's Young Ambassador for the chemical industry. Rebecca Farnell, a senior chemist at CIBA Specialty Chemicals in Low Moor, was selected from dozens of applicants to represent the UK industry at youth level.

Her appointment will see her travelling to the Labour party conference at Brighton later this year and doing work across the UK to get more young people interested in chemistry.

At 21, Miss Farnell is one of the youngest to hold the Young Ambassador title, which is for people up to the age of 35. She said: "It was a total shock when I was chosen even though I knew my company had nominated me. I will be at the Labour party conference and will be a representative of young people at most big meetings of the UK chemical industry. "It is quite an honour. As part of her interview for the position, Miss Farnell gave a presentation on how she would set about ending young people's decline in interest in science.

She is a huge chemistry enthusiast, having been fascinated with the subject since she was very young.

Part of her role will be to work towards getting more young people interested in the subject.

"I would like to see more people in the chemical industry get rid of some of the wrong perceptions of the industry," she said.

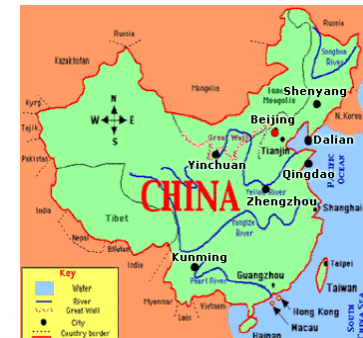
"I think a lot of youngsters still think of the industry as being a throwback to the industrial revolution and an industry that causes a lot of pollution.

"However most people do not realise how much work we do to combat pollution and improve quality of life. "Changes need to be made to the national curriculum and I really think I can make a difference in terms of providing a sustainable future for the industry.

Miss Farnell went straight into the chemical industry after finishing her GCSEs in 1998. Alongside her work in the research department she carried on her studies at Bradford College before completing a degree in chemistry part-time at the University of Huddersfield.

As well as her new role, Miss Farnell continues as a senior research chemist at CIBA.

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challenging perceptions



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Chemistry
Innovation,
the trusted
independent
partner to
deliver growth
in the UK

£158 million leveraged
funding &
£1.1 billion value
generation



Product Design



Sustainable Chemistry



Bio-Based Products



Innovative Manufacturing



Sustainability

Connecting You



**We know how to connect people
to the right expertise - no matter
how big or small their need**

“Establish step-change uptake of IB across the chemistry-using sectors driving a response to the £12bn opportunity for the UK”



Bio-Based Products

Priority Area

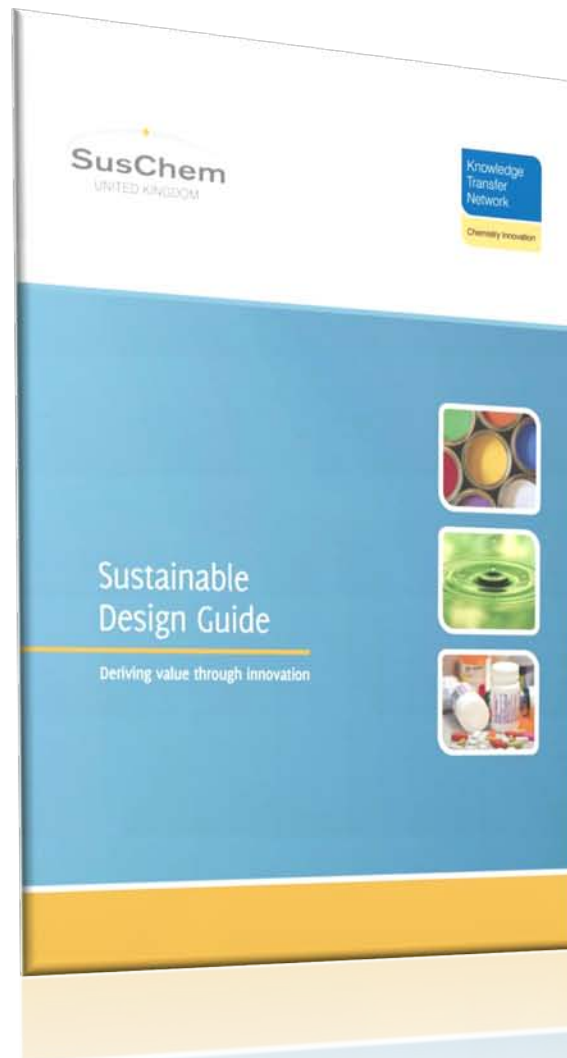


The Active Ingredient



**We don't just advise - we get
involved, fast track processes and
get results**

“Exploit the Sustainable Design Guide to link chemistry with downstream market opportunities”



There at Every Stage



**We have the ability to get involved
at any stage of innovation, from
initial chat to market success**

European links – Project Management



Eco-Innovation
BIOCHEM

BIONEXGEN



Advice

- Don't just follow the norm or expected
 - Find **what** you want to do and then identify the **how**
- Always have a personal development plan
 - Demonstrate critical success factors
 - Transferable skills
- Find a mentor
 - Successful, offer advice, help think about your career 2 or 3 steps ahead