

Becoming a Healthcare Science STEM Ambassador



Catherine Reynolds
STP Trainee Embryologist

***Aim:* To inspire more Healthcare Scientists to become involved in STEM events in Scotland**

- Who are STEM ambassadors?
- My involvement in STEM events
- UK STEM Ambassador Network
- Impact of STEM ambassadors on young people
- Registering as a STEM ambassador

Who are STEM Ambassadors?

- Science, Technology, Engineering, Maths
- Volunteers who inspire children and young people to realise a career in these subjects



- Inspire Healthcare Scientists and Embryologists of the future!
- Disclosure checked, enthusiastic role models
- Minimum of 1 STEM event a year

My STEM involvement

- Teaching
- Importance of STEM for teachers
- The Big Bang Fair



- Local STEM events
- ACE STEM Ambassador Representative for Scotland



Day 1



Day 2



Day 3



Day 5



And then we all hatched!!

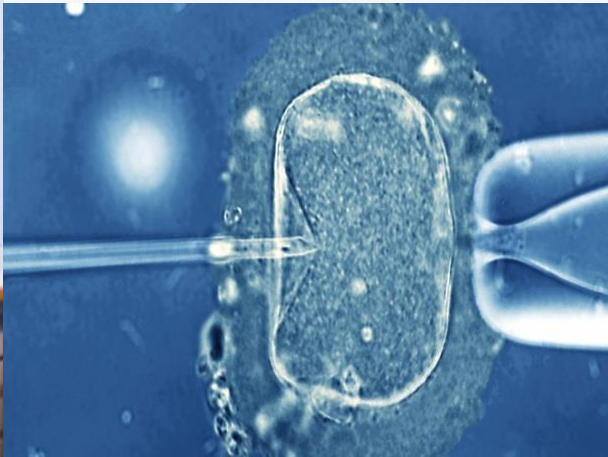
My STEM involvement



My STEM involvement

Why have a career in Embryology? I love my job!

- Patient contact & support
- Making a difference
- Facilitator of life
- Excitement of successful treatments
- Evolving technological field
- Emotions
- Utilising my years of study



If you enjoy science and want to make a difference to someone's life, a healthcare science career could be for you!

UK Stem Ambassadors

“The UK’s economic future lies in high value, innovative and knowledge-intensive activities. To pursue this course, a highly skilled STEM workforce is essential.”

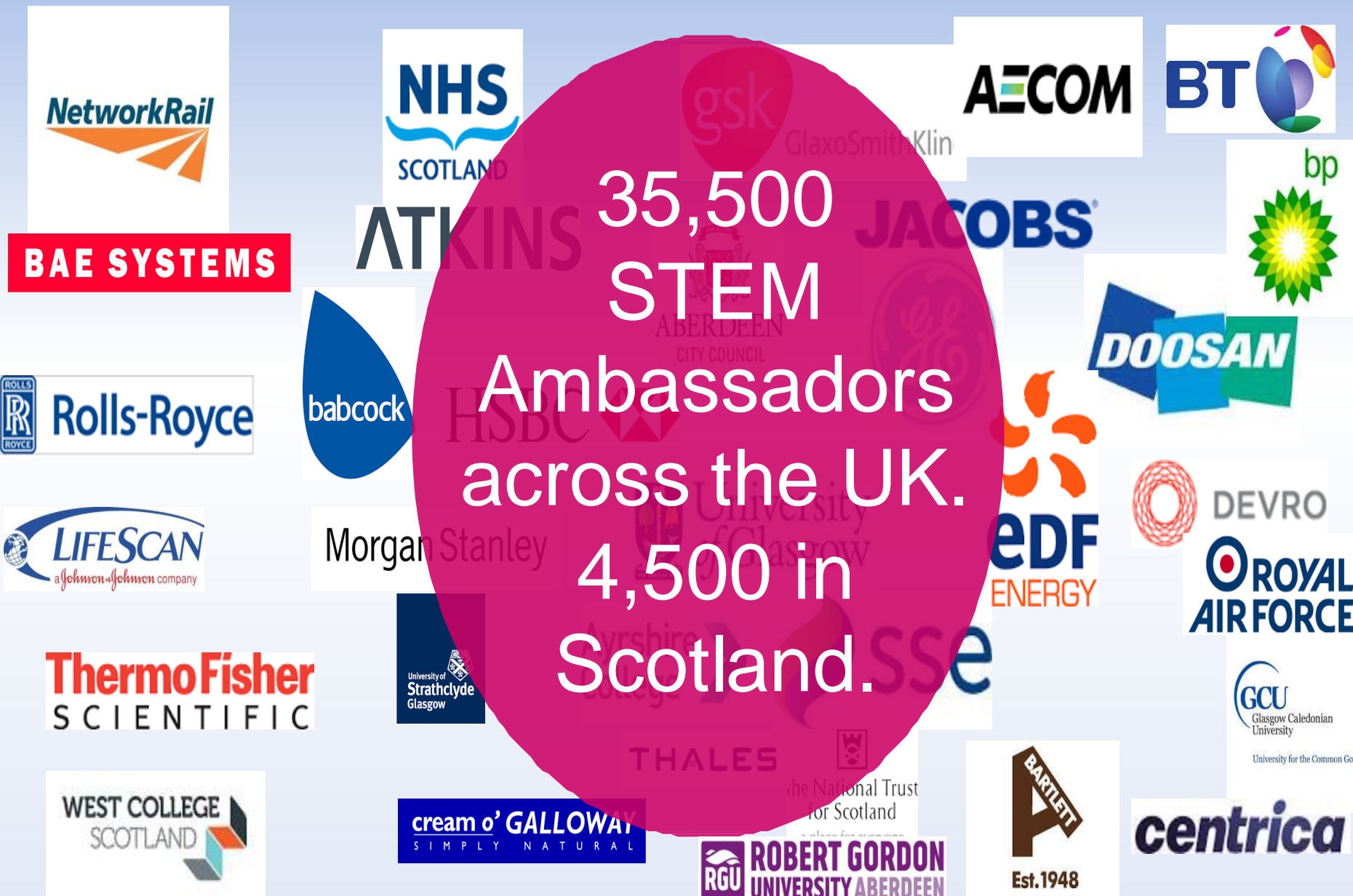
UK Commission for Employment and Skills (2015)

“The government is committed to ensuring the UK remains at the leading edge of science, research and innovation.

The STEM Ambassadors programme is an important part of our efforts to increase the supply of people with STEM skills in the economy.”

BEIS, 2016

UK Stem Ambassadors



UK Stem Ambassadors

- Network of 19 Ambassador Hubs
- Managed nationally by STEM Learning
- Locally by SSERC in Scotland



Impact of STEM Ambassadors on young people



Classroom



STEM Club activities



Careers talks



Speed networking



Online mentoring



Site visits and hosting
work experience

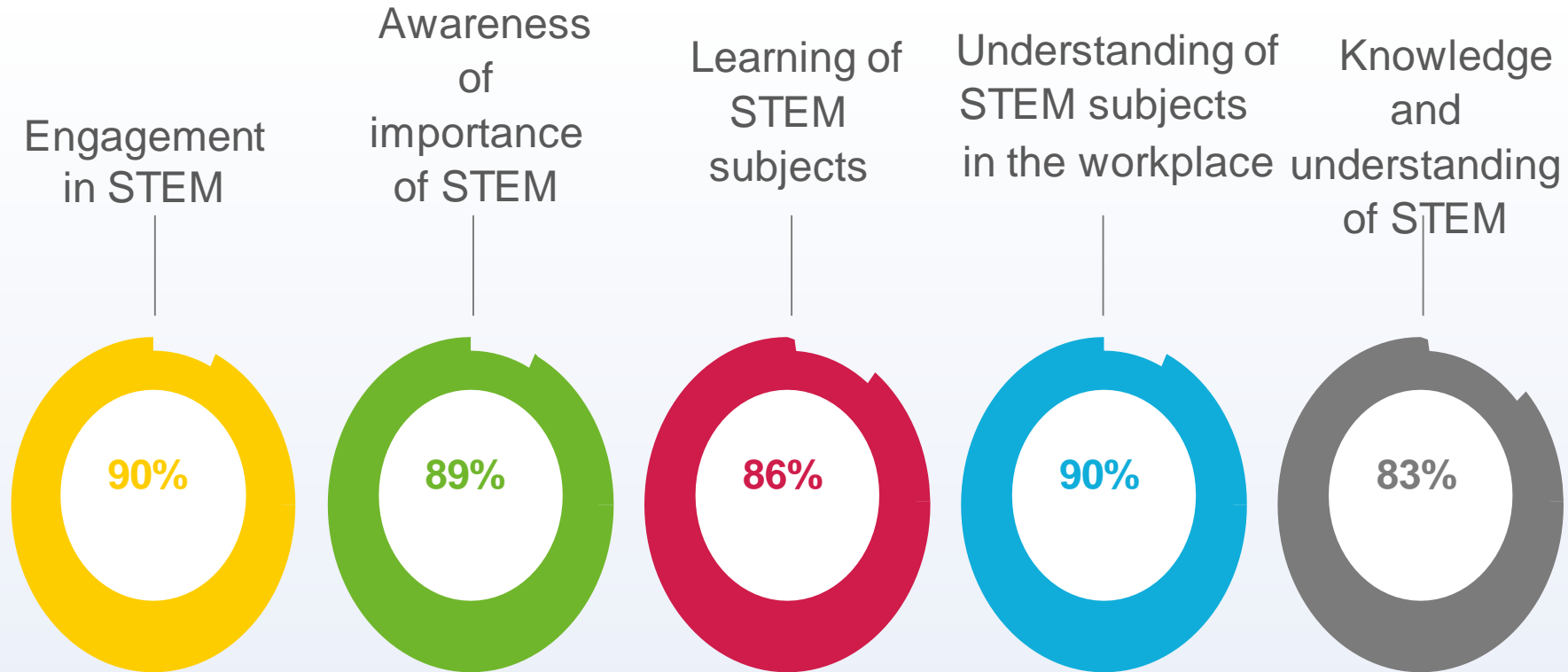


Large science festivals
and fairs



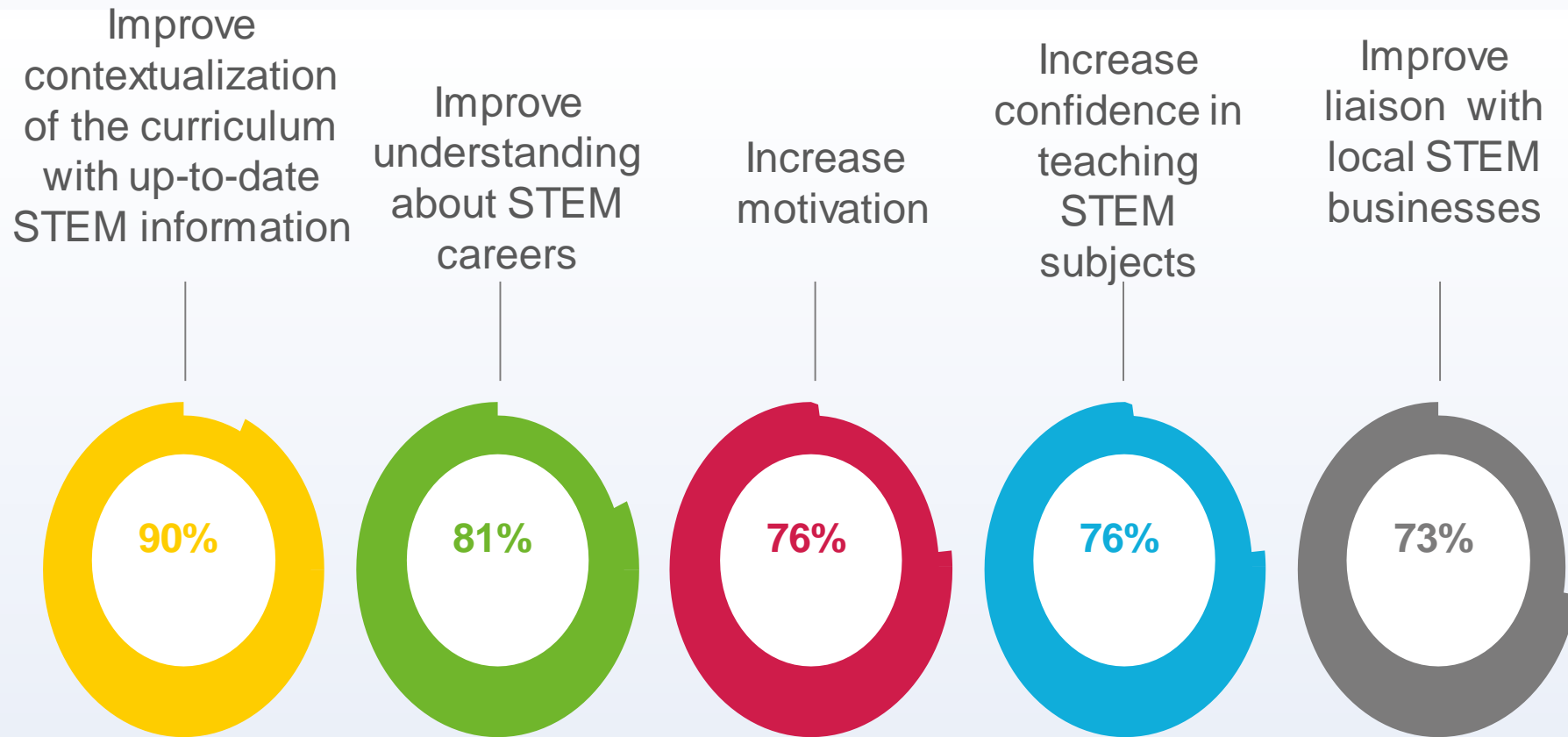
Non-school group

Impact of STEM Ambassadors on young people



(Source: STEM Ambassadors Impact Report, 2016)

Impact of STEM Ambassadors on teachers and schools



(Source: STEM Ambassadors Impact Report, 2016)

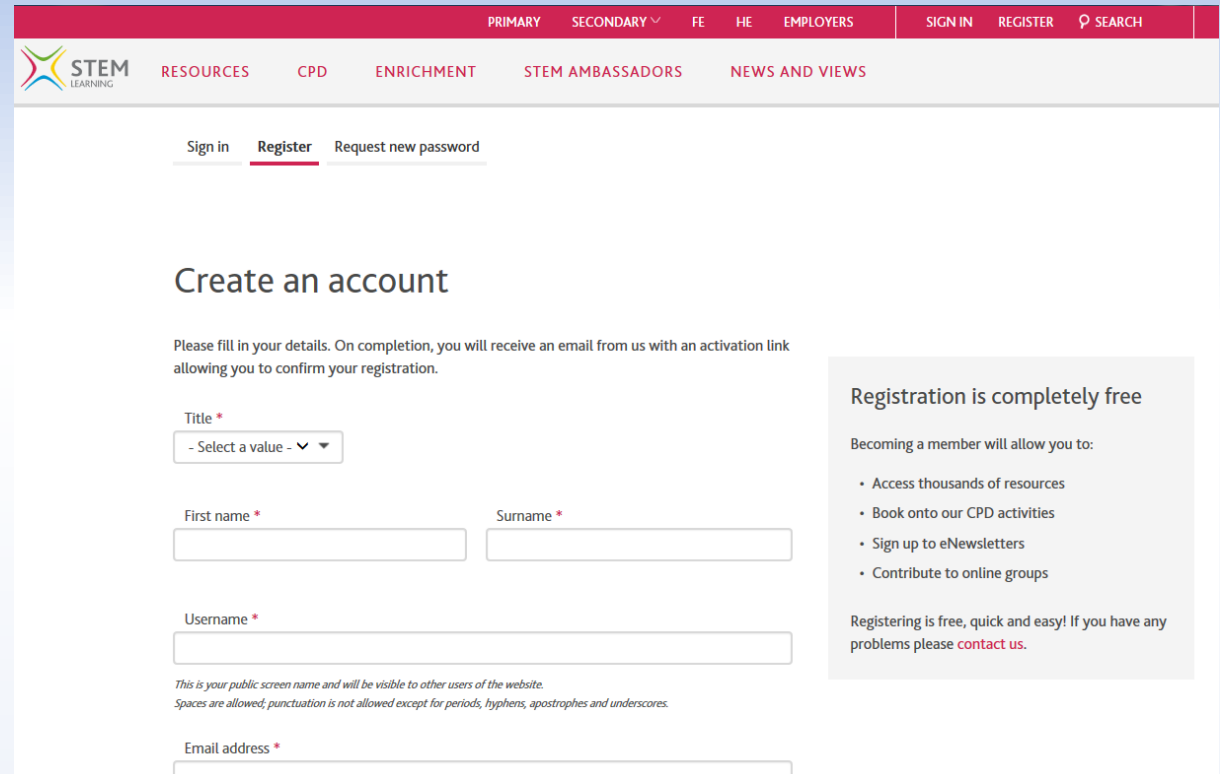
Why become a STEM Ambassador?

- Rewarding and fun!
- Engaging with enthusiastic children, teenagers, families and teachers
- New challenges
- Great for the CV



How to become a STEM Ambassador

- Register online at www.stem.org.uk
- Induction
- PVG check
- Commit to one STEM event a year
- STEM requests from schools through online platform



The screenshot shows the 'Create an account' registration page on the STEM Learning website. The page has a red header with navigation links: PRIMARY, SECONDARY, FE, HE, EMPLOYERS, SIGN IN, REGISTER, and SEARCH. Below the header, there's a sub-header with links: RESOURCES, CPD, ENRICHMENT, STEM AMBASSADORS, and NEWS AND VIEWS. The main content area is titled 'Create an account' and includes a sub-header 'Sign in Register Request new password'. The registration form consists of several fields: 'Title' (a dropdown menu), 'First name' and 'Surname' (text boxes), 'Username' (text box), and 'Email address' (text box). A note below the Username field states: 'This is your public screen name and will be visible to other users of the website. Spaces are allowed; punctuation is not allowed except for periods, hyphens, apostrophes and underscores.' To the right of the form, there's a grey box titled 'Registration is completely free' which lists benefits: 'Access thousands of resources', 'Book onto our CPD activities', 'Sign up to eNewsletters', and 'Contribute to online groups'. It also mentions 'Registering is free, quick and easy! If you have any problems please contact us.'

STEM Hub Contact details in Scotland

STEM Ambassador Hub East Scotland

STEM East, Carnegie Conference Centre, Dunfermline

Email ambassadors@fife.ac.uk

www.stemeast.org.uk



STEM Ambassador Hub West Scotland

Science Connects, University of Glasgow

Email stem-ambassadors@glasgow.ac.uk

www.scienceconnects.org.uk

STEM Ambassador Hub North Scotland

Aberdeen Science Centre, Aberdeen

Email stemambassadors@asc.scot

www.aberdeensciencecentre.org/stem-ambassadors