

Engaging with Education

Chloe Agg CEng FHEA – University of Warwick



West Midlands Region – Interpersonal Skills Week



Introducing Your Speaker:

Chloe Agg

MEng in Mechanical Engineering, MCIBSE

10+ years in industry

Johnson & Johnson



CEL
international

CUNDALL

5 years in academia, FHEA

20 years as a STEM Ambassador

Founding Fellow of Warwick Institute of Engagement

WARWICK
THE UNIVERSITY OF WARWICK

Who?

Benefits?

How?

Maximize!

Plan

**A shortfall of between 37,000
and 59,000 in meeting the
annual demand for core
engineering roles**

Engineering UK: The State of Engineering 2019



"YOU CAN'T
BE WHAT YOU
CAN'T SEE."

MARIAN WRIGHT EDELMAN

Founder & President
Children's Defense Fund

Benefits

“Companies in the top quartile for racial and ethnic diversity are 35 percent more likely to have financial returns above their respective national industry medians”

“Companies in the top quartile for gender diversity are 15 percent more likely to have financial returns above their respective national industry medians”

Hunt, V., Layton, D. and Prince, S., 2015. *Why Diversity Matters*. [online] <https://www.mckinsey.com/>. Available at: <https://www.mckinsey.com/~media/mckinsey/business%20functions/organization/our%20insights/why%20diversity%20matters/why%20diversity%20matters.pdf> [Accessed 6 October 2021].

"You must be the change you

wish to see in the world."



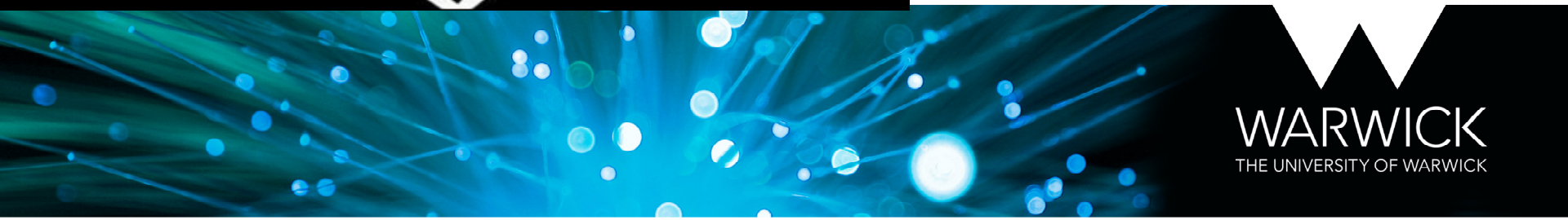
Benefits for Individuals

Becoming a confident speaker

Low stakes practice

Genuine interest

Free development opportunities!



"GOOD BYE"

SHE SAID...

"I'M OFF TO JOIN

**THE
CIRCUS"**



Benefits for Individuals

Motivation

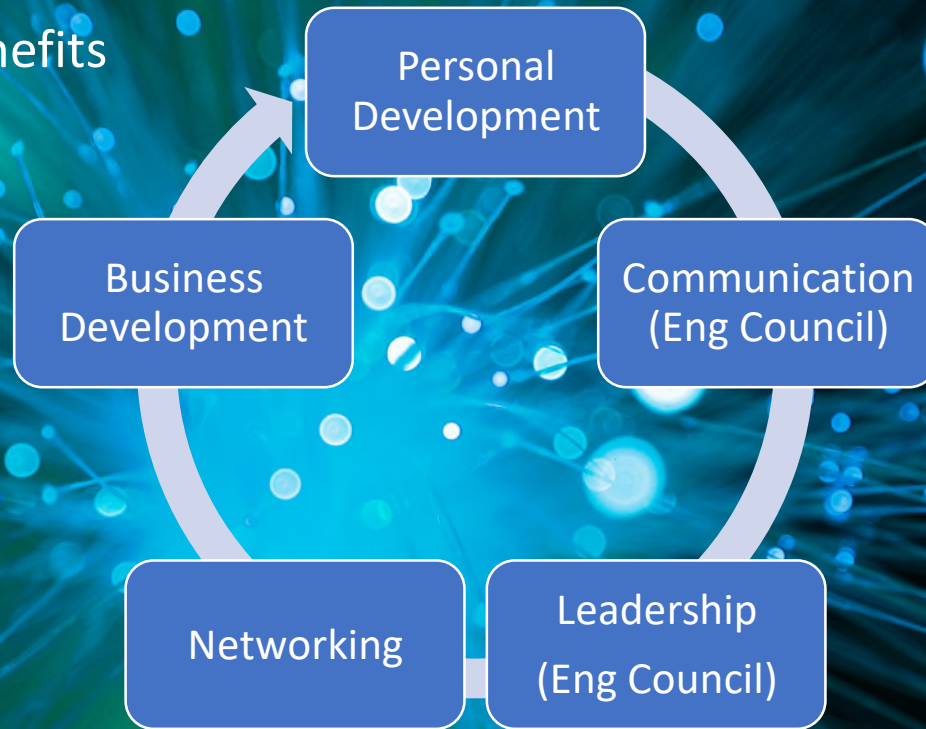
Reminder of why

CSR:

"51% of people won't work for a company that doesn't have strong social commitments"

Ciochetto, M., 2016. 2016 Cone Communications Employee Engagement Study. [online] Cone Communications. Available at: <<https://www.conecom.com/research-blog/2016-employee-engagement-study>> [Accessed 6 October 2021].

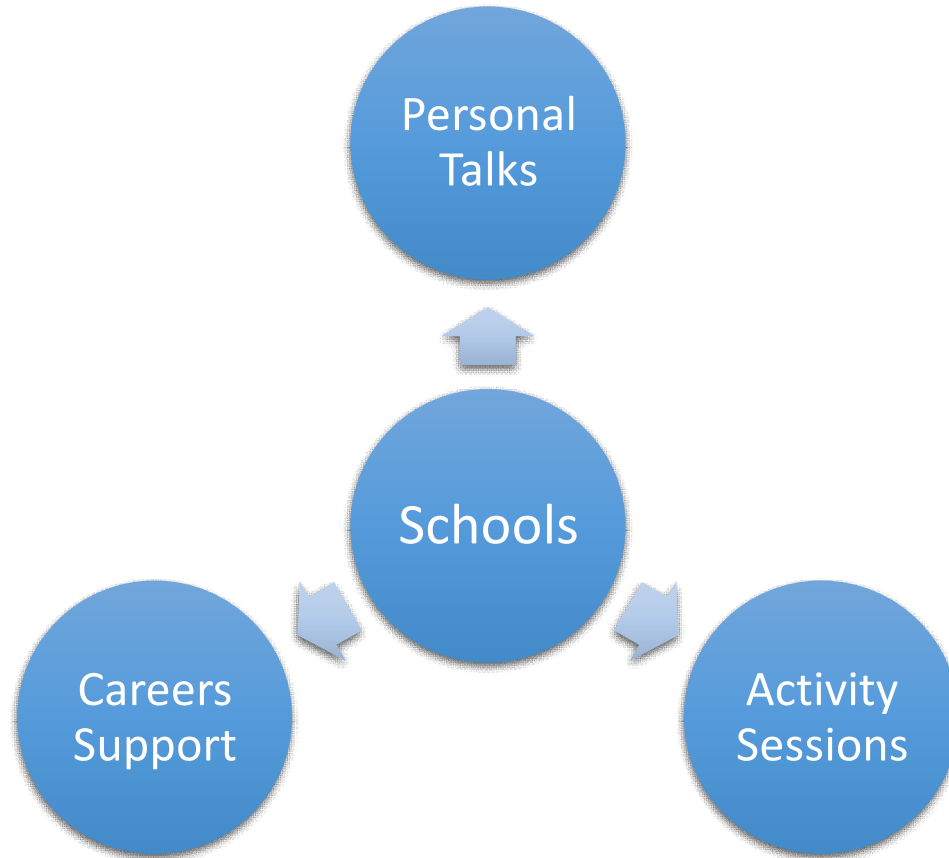
Development Benefits

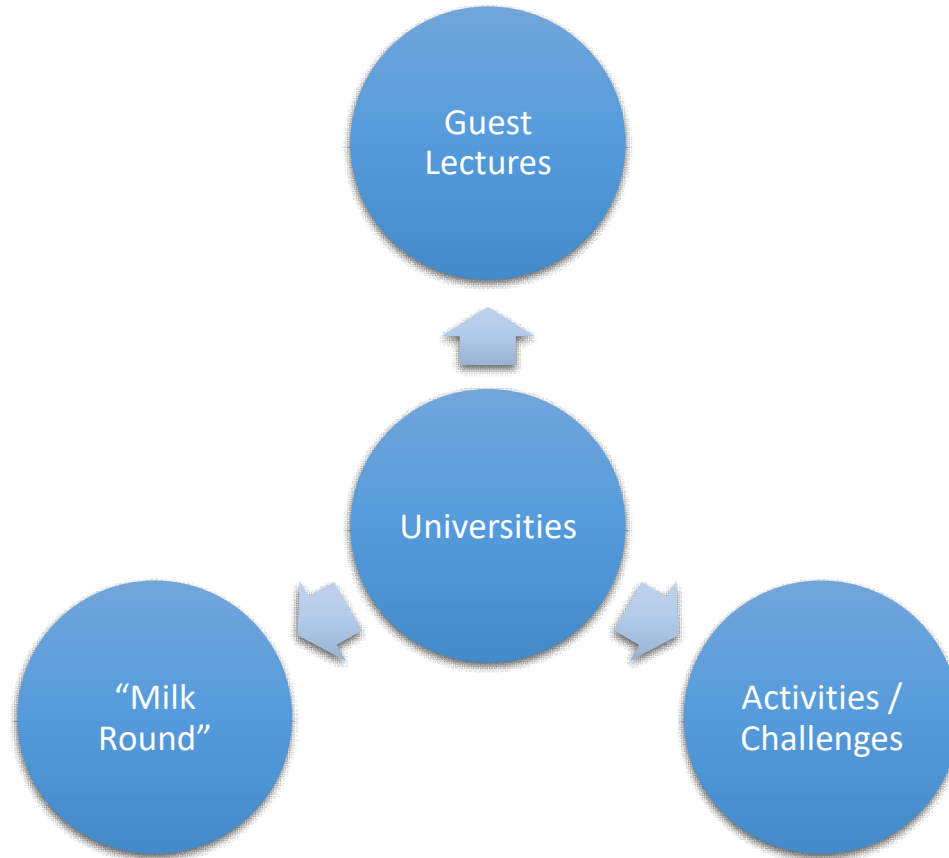


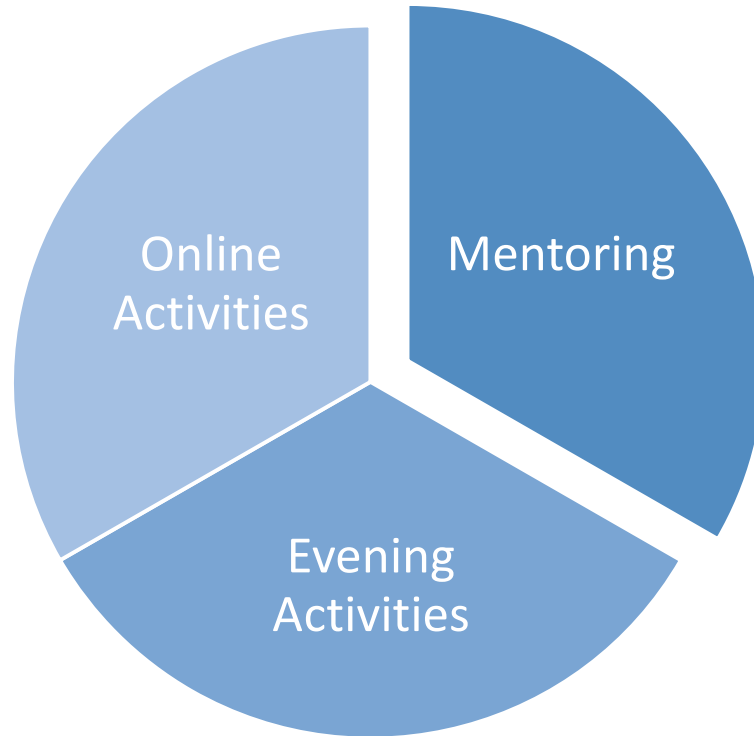


But how?

Getting involved with
education







Making Contact

- STEM Ambassadors: <https://www.stem.org.uk/>
- Email local schools / universities
- Speak to friends in teaching
- CSR officers / outreach teams
- CIBSE Education Officer
- RAEng: <https://www.raeng.org.uk/>
- Twitter: @Tomorrows_Eng @born2engineer @WES1919 @BigBangUKSTEM @ThisIsEng @RomaTheEngineer @philjemmett @megjlow

Before

- Skills
- Resource

During

- Time
- Money

After

- Personal
- Industry



Targets

What benefits do you want from this?

Personal vs Company

Restrict & focus

Long term / short term

Activity

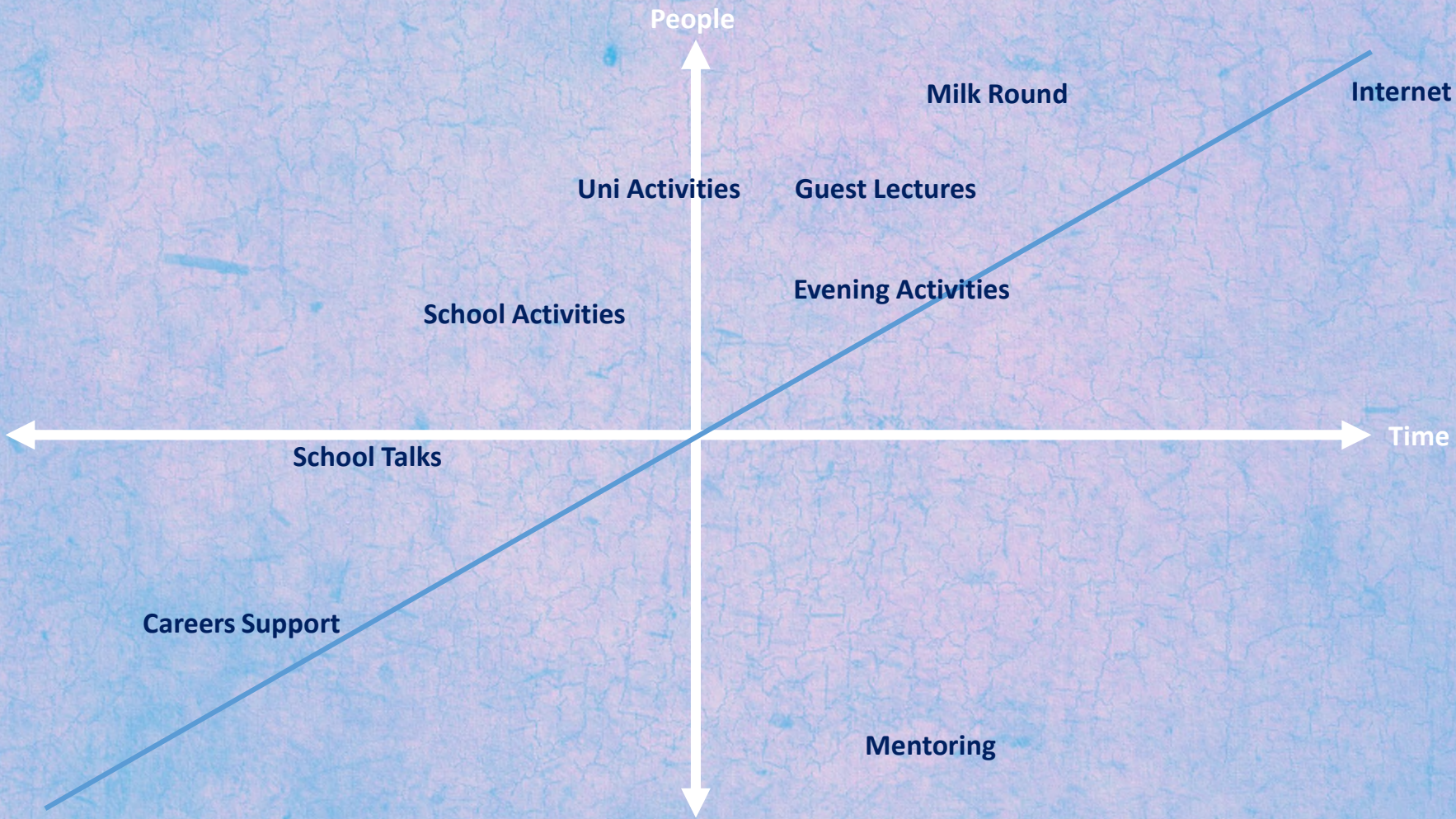
Audience

Priorities



Summary of Benefits

- Increase recruitment
- Increase diversity
- Presentation / speaker confidence
- Improve motivation
- Broader network
- Chartership / Fellowship
- Other skills (leadership, planning, communication)
- Career development
- Giving back
- Other?....



Before

- Develop
- Write
- Prepare

After

- Evaluate
- Learn

Later

- Reconnect
- Follow up
- Debrief

EVALUATION







What to ask...

What is expected of you

What do you expect in return

Timings

Audience

Evaluation

Dress code

COVID

Planning Next Steps

Targets

Preferred Activities



Audiences

How to reach them

What / how to evaluate

How to persuade others

Time to Review

Queries?



Top Tips

Enjoy!

No need to be a world expert

Be the expert in YOU

Practice beforehand

Have a back up plan





Thank-you!

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Twitter: [@geekchloe](https://twitter.com/geekchloe)

