

# Aegis Professor Undergraduate Competition

Launch Event

26 February 2025

[bristol.ac.uk](http://bristol.ac.uk)

Science  
Partnership  
Office



**CHAOS**

*Matrix*

**FUSION**  
CHEMISTRY SOCIETY





# Agenda

---

- Background of the Competition
- Key Dates
- This Year's Challenges
- Support and Training
- Bristol PLUS
- 'Communicating with Impact'
- Aegis Professor Rowena Innocent
- Past Winners – Weaving Change

**Have some fun and pizza**

**Ask questions, meet people**





# Who We Are

---

- Katie Briggs – Project Coordinator, SPO
- Dr Anne Wescott – Head of the SPO
- Dr Emma Stone – SPO Associate
- Prof Rowena Innocent – Aegis Professor of Technology, Innovation and Equality
- Dr Daniella Jenkins – Centre for Innovation & Entrepreneurship
- Eilidh Sligo - Careers (Bristol PLUS)
- Weronika Stelmach – CEO Weaving Change





# What is the APUC?

---

- The Aegis Professor Undergraduate Competition is a scheme where students from the Faculty of Science and Engineering work in multidisciplinary teams to apply their knowledge to real-world scientific challenges with the chance to win up to **£5000!**
- This year, we are also very excited to be including the school of Physiology, Pharmacology & Neuroscience from the Faculty of Health and Life Sciences.





# A Competition by Students for Students

---

- Alongside the SPO, a team of student representatives have always supported the competition – all the way from its inception in 2022.
- One of our challenges this year was inspired by a proposal from some of our maths students.
- Please do get in touch with your society representatives if you have any questions after this event.





# Aegis Professor Scheme

---

Making connections with  
external expertise







**Rowena Innocent**

Professor of Technology, Innovation  
& Equality



**Michael Cuthbert**

Professor in Quantum  
Technologies



**Neil Hyatt**

Professor Deep Time Science &  
Engineering



**Andy Humphris**

Professor of Nanoimaging



**Reid Derby**

Professor of National Security  
Innovation



Civil Service



**Anike Te**

Professor of Engineering  
Biology



**Jacqueline Castle**

Professor of Aerospace  
Technologies







## **Aegis Professor Rowena Innocent**

- Senior Vice President at Ultraleap
- Aegis Professor of Technology, Innovation and Equality





# Key Details

---

- What is the competition about? How will it run?
  - <https://apuc.blogs.bristol.ac.uk/>
- You will be grouped into teams of 4 or 5 to tackle your challenges over the summer break, returning for the Celebration Day in September.
- Not part of your assessed work, it's a competition with a cash prize of up to £5000
- Great for starting to build your CV!



# Key Dates



Registration of interest open	6 February 2025
Launch event	26 February 2025
Enrolment call open	26 February 2025
Enrolment call closes	17 March 2025
Team Mingle Event	2 April 2025
Innovation and Entrepreneurship Training Workshop	21 May 2025 (10am – 1:30pm; lunch included)
All-team Mentoring session: creating great posters and presentations	TBC
Peer mentor drop-in session	TBC
Competition open	June-September 2025
Deadline for poster submission to SPO	17 September 2025
Deadline for oral presentation submission to SPO	22 September 2025
Celebration Event	24 September 2025 (afternoon with lunch)



# Challenges

- Clean and Affordable Drinking Water for All
- Reimagining Past Technologies for the Future
- Inclusive Product Design
- Harnessing New Technologies to Improve Human Health
- Decoding Animal Gestures
- The Open Challenge



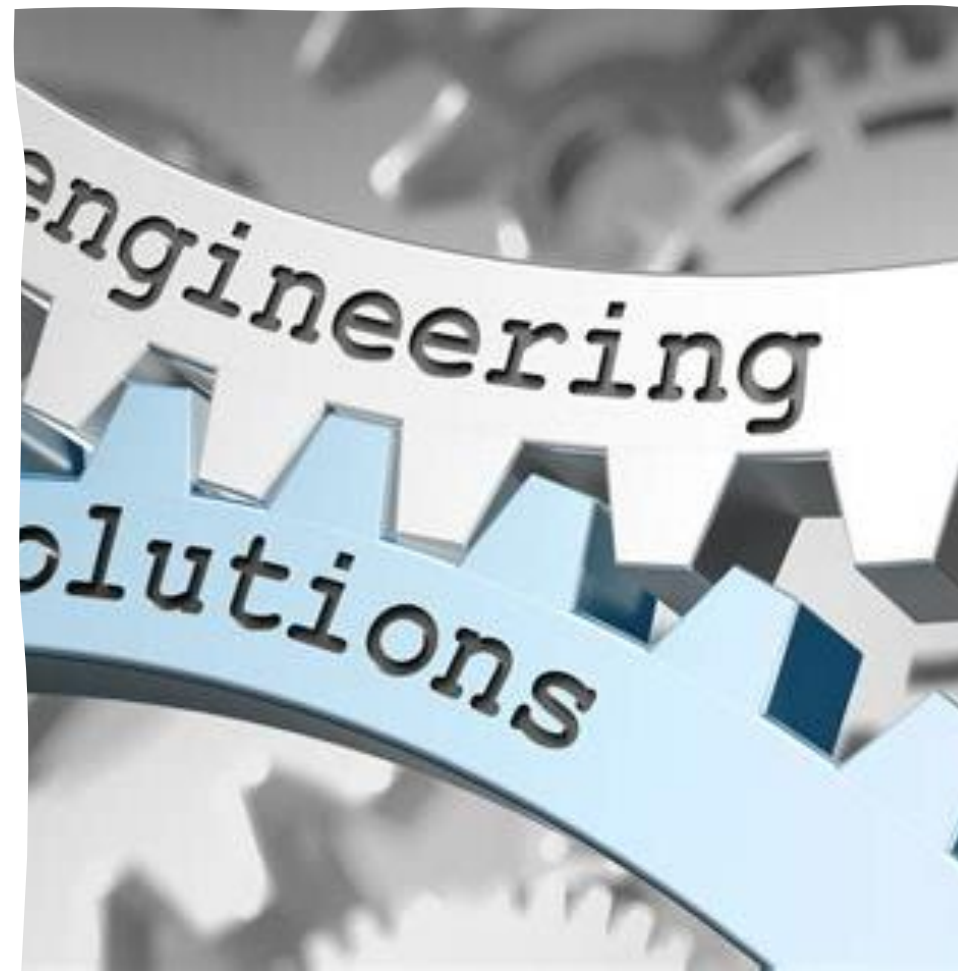


Let your  
imagination  
and creativity  
run wild

---







- 
- You can approach these challenges in any way that works for you, your passions, your skills. You might even be able to re-use a great idea you have already had.
  - All are open to digital and/or practical solutions
  - The Open Challenge



# Support and Training

---

- Innovation and Entrepreneurship training – delivered in person by Dave Jarman
- Posters and Presentation Training
- Mentorship
- Continuous SPO support
- Bristol PLUS Award





# The Bristol PLUS Award

- The **University's employability award**
- Registration opens in **Welcome Week 2025**
- Apply your extracurricular activities to real life situations
- Gain knowledge of career paths, selection processes, and enhance your CV
- Maximise your learning through reflective activities
- Unlock the opportunity to take part in the [Outstanding PLUS Awards](#)
- Recommended by students, endorsed by employers and **recorded on your degree transcript!**

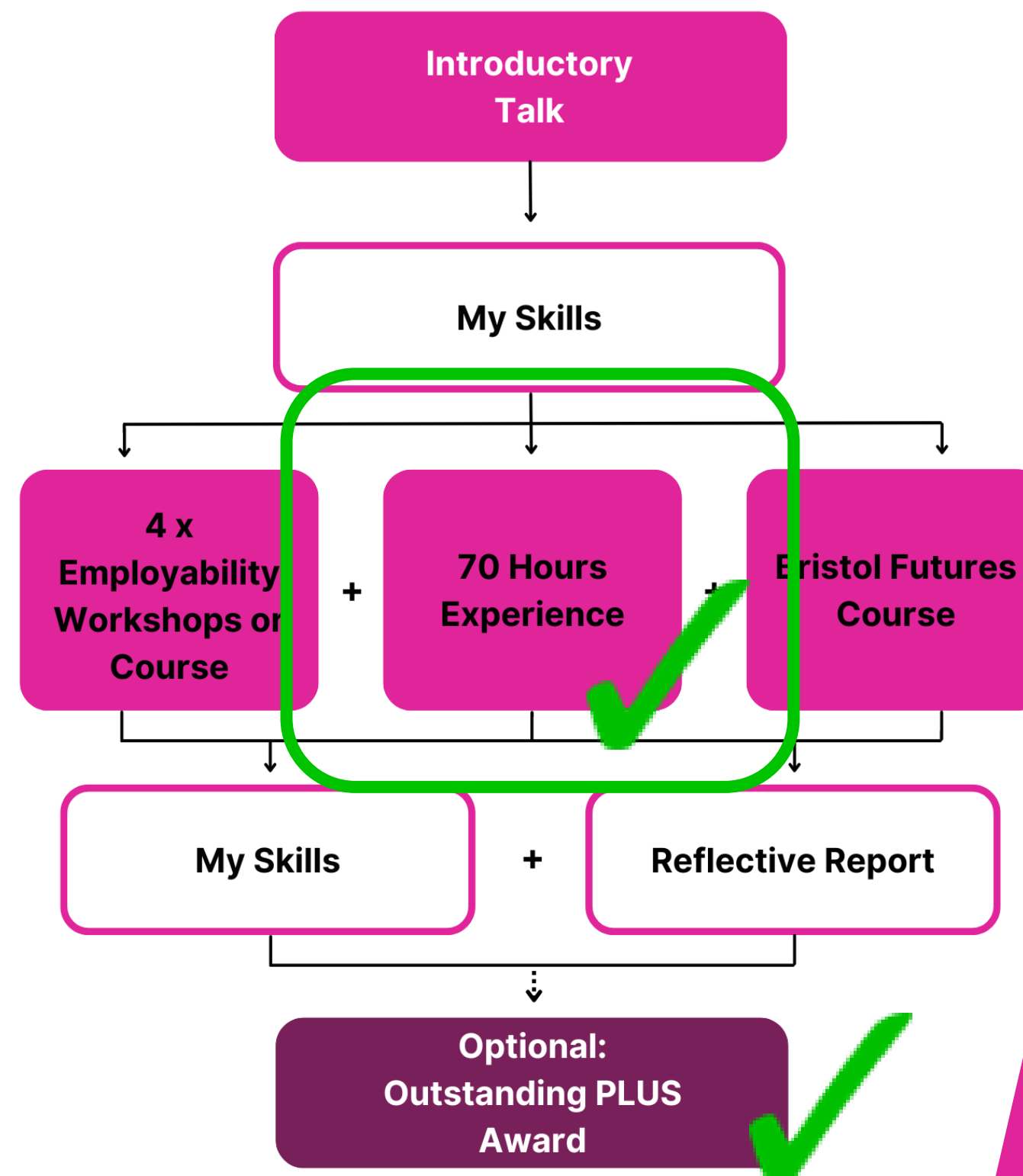




# Aegis Professor Award and PLUS

All hours accrued towards the experiential elements of the APUC can be used towards the Experience Hours of the Bristol PLUS Award, including:

- Team Mingle
- Dave Jarman training event
- Meetings with mentors
- Presenting work at Celebration Day





# NOMINATE YOURSELF FOR THE OUTSTANDING PLUS AWARD!

- The Outstanding PLUS Awards (OPA) offers an opportunity for you to **gain invaluable articulation skills and reflect further on your achievements**, with the exciting prospects of **further accreditation and employer networking**.
- You'll nominate yourself in 1 of 6 categories, choosing the one that your experience most aligns with.
- You'll have the **opportunity to attend the exciting OPA celebration event**.
- You can access the [Outstanding PLUS Award pathway](#) once all sections of your PLUS Award pathway have been completed and approved by our team.
- To be eligible, you must be a 2025-26 PLUS Award achiever and nominate yourself by the 2025-26 deadline



# Communicating with Impact

Dr Daniella Jenkins

Senior Lecturer in Design Thinking and Innovation



# Meeting with Daniella Jenkins

2025-02-23 14:47 UTC

Recorded by

Daniella Jenkins

Organized by

Daniella Jenkins





# AEGIS

## TWO YEARS ON

SUSTAINABLE FASHION, WEAVING CHANGE, SWERV



The fashion industry accounts for  
8% of global carbon emissions

1 truckload of clothing is burned or  
thrown into landfill every second

77% of clothing retailers believe it is  
likely that **modern slavery** occurs at  
some stage in their supply chain.

# THE PROBLEM

# OUR SOLUTION

Refovo







# SWERV

*Helping you to wear your clothes, connecting  
you to your wardrobe  
slowing down fast fashion.*

@weavingchangeuk

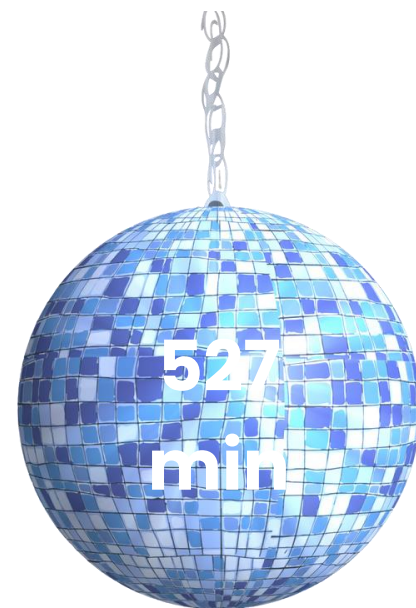




*By using*

# SWEAR

*every month you save...*

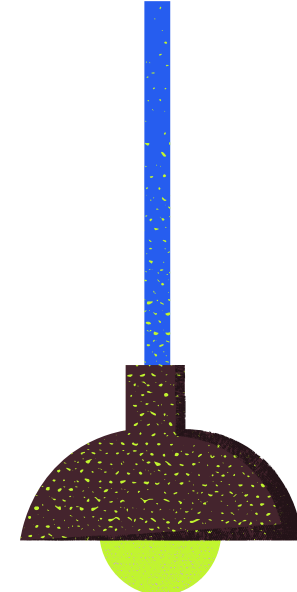




*By using*  
**SWEARU**  
*every month you save...*



@weavingchangeuk



# NOTABLE NOTES?

People! And hopeful conversations to make change

Grants and grant rejections

Men and imposter syndrome

Awards! & Showcases

this is actually something which people want!

Lots of talking! podcasts, talks, networking

Reading, writing, drawing, learning

message like this:

**'reinforced my dedication to engaging in the local community and working towards sustainable and responsible goals'**





# THANK YOU & GOOD LUCK!

Social Media :

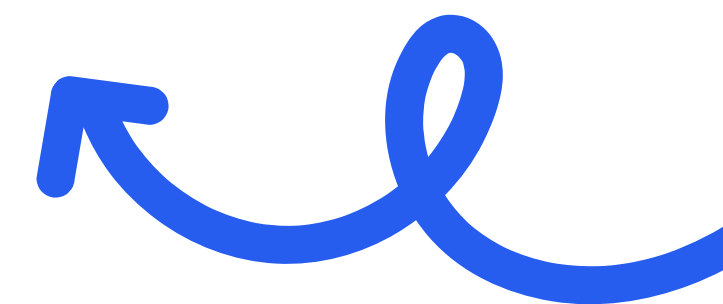
@weavingchangeuk

Website :

[www.weavingchange.co.uk](http://www.weavingchange.co.uk)



my linkedin

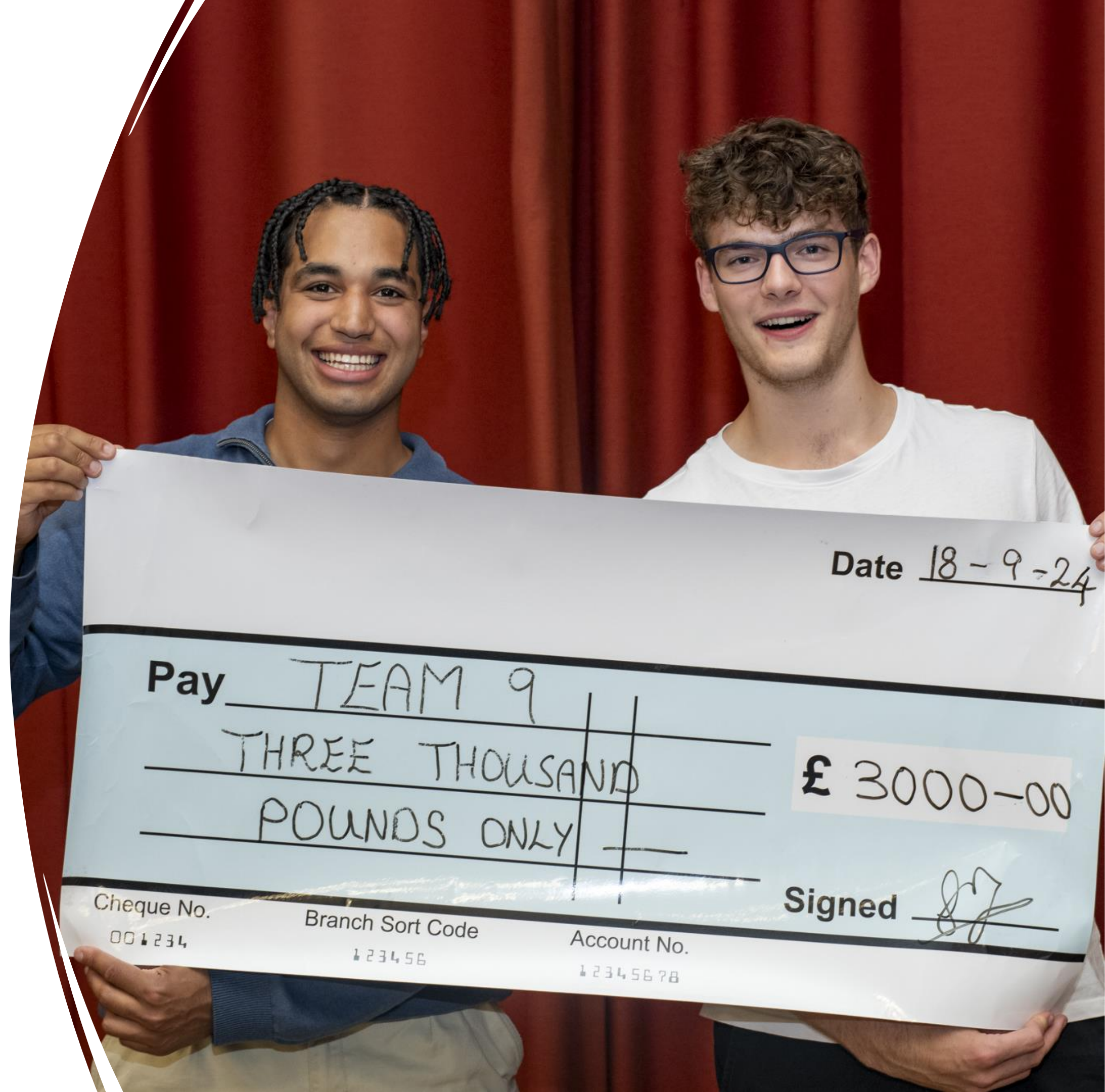


@weavingchangeuk

# Any Questions?

---

[scif-apuc@bristol.ac.uk](mailto:scif-apuc@bristol.ac.uk)





# ENROL NOW!

---

ENROLMENT CLOSES ON  
THE 17 MARCH 2025

Aegis Professor Undergraduate  
Competition Enrolment 2025

