



## Lockdown Learning... an interdisciplinary approach

2 --- [Unsplash](#)

**Prof Jess Power, Prof David Hawkins, Prof Andrew Lawrence.**

@CAECreative @Jess\_\_Power\_\_

GLAD 2021



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## Turning Point

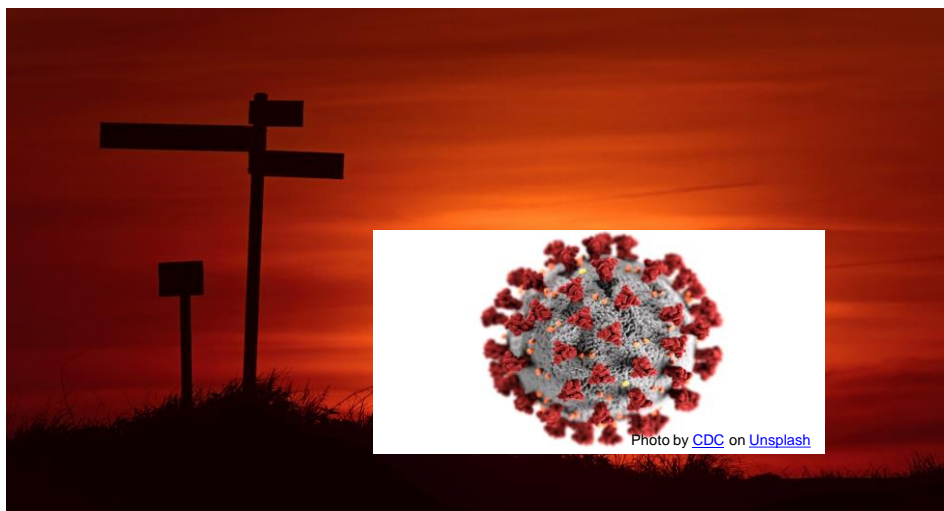


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RESPOND

# What now...?



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REFRAME

## Virtual Pilot...

What Next...



*Image: Florin is a money management app for the elderly*

*"Collaborating with people from different disciplines allowed me to get a different view on solutions to the problems that COVID-19 created. It is wonderful to have my ideas recognised as worthy by such a fantastic design agency."*

### Winning Team

Graphic Design: Bryan Downley

Aeronautical: Shannon Frisby

PGR Electrical Engineering:

Mais Al-Rawashdeh

## Student view

### What you liked...

- Theme: Post COVID
- Online nature of the event
- Smooth running (on-line)
- Daily feedback (connectivity)
- New networks (strangers)
- Freedom to create
- Techniques to compete
- Safe environment (not CW)
- Good event leads
- Great guidance throughout
- Fun and reassuring (confidence)

### Skills Developed

- Illustrator
- Researching techniques
- Creativity
- Confidence & communication
- Appreciation of different skill sets and how to maximise these.
- How to collaborate on Teams effectively
- Team working / collaborative
- Social skills
- Knowhow into participatory technical competitions
- Presentation and pitching
- Industry jargon
- Risk analysis

### Takeaways (Impact)

- Work more fluidly as a team
- Confidence (the more of this you do the better you get)
- Using other peoples strengths to enhance the project (sometimes you need to step away)
- Pitching and narrative
- Wider impact of products when designing
- Preparation for working commercially, a real insight into working with other disciplines
- More enthusiastic about research
- Improved my chances of achieving future goals



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## Unexpected commercial opportunity

VX Fiber Challenge:  
to designing street-side furniture to  
house fibre-optic cables, which  
would complement or even  
improve their surroundings.



1<sup>st</sup> : Ed Andrews (Aeronautical Engineering)  
2<sup>nd</sup>: Zac Lewis & Jessica Weigelt (Product Design)  
3<sup>rd</sup>: Aimee Walters (Mechanical Engineering)

*...huge thank you to VX Fiber for not only providing me with a thought provoking and challenging project, but also for helping me to develop my design skills and improve my confidence in my own work*  
**Ed Andrews, BEng (Hons) Aeronautical Engineering**

RETHINK

# REINVENT



**Challenge: generate concepts for a state-of-the-art gaming**

*Lucas, a first-year student studying graphics, said: "This was the first challenge that I've taken part in and getting to know students from different disciplines and working together with them was a great experience."* Winning team: Imi Gregory, Education Studies; Lucas Ulitschnik, Graphic Design; Andreas Adamou, Engineering Design

**Game on! Students take on 24-hour hackathon : VX Fiber**



The challenge was great because it allowed us to meet new people from other courses and develop our team working and presentation skills. It was an extremely valuable experience as we'll carry the skills on into the future into jobs. It has also been very worthwhile to have input from different backgrounds (courses) as we seemed to complement each other; it has been a privilege to work with such a great team on a project with this iconic aircraft.

[Fine Art](#) Laura Williams; [Mechanical Engineering](#) Matthew Lunt; [Engineering Design](#) Ash Johnson and Lucy Archer.

**PMAG Spitfire Challenge: Students were tasked to think about synthesizing community, learning, heritage & technology to provide a creative solution to engage visitors with activities & artefacts.**

**Reflections:**

**LOVE, worthwhile, enjoy, fun, useful,  
amazing, fantastic, opportunity**

**Meeting new  
people!**

**Well being**

**Skills awareness  
and enhancement**

**Giving back**

**Commercial  
Awareness**

**Graduation ready**

Pandemic opened signification opportunities to connect our students differently



# REINVIGORATE

**UHNM - Legacy Creative Challenge:  
Celebrating the Royal Infirmary  
Heritage.**

**Challenge in May 2021**

**Networking opportunities:**

- Across all areas of university
- Two Stoke Cllr involved
- Prize sponsored by the IET (regional)
- Estates UHNM : narrative from all over the hospital
- Forensic archaeology team, drones capturing images
- Technical team (3D renders and videos)



Picture Credit: University Hospitals of North Midlands (NHS) Trust

**Reach out**



Photo by Diego Pini on Unsplash

**Outside the box thinking**



Photo by rizki ramadhan on Unsplash

**Flip the coin**



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Thank you  
Any Questions  
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