

Crossing Discipline Boundaries

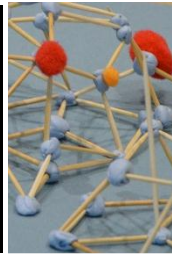
The Innovation and Creative Exchange



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#hudhoneypotice



Overview



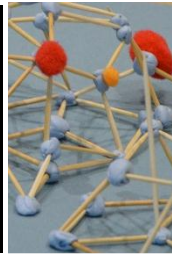
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EXCHANGE

UNIVERSITY OF
HELMWOOD

- Innovative, sustainable and exciting developments
- Purpose – legacy of learning (funded by RAE)
- VPI – Jonathan Sand OBE (Chairman of Elmwood)
- Aims
 - Developing employability / entrepreneurial skills
 - Sustainable Interdisciplinary networks
 - Commercial awareness
- Interdisciplinary Challenge based learning

**Bridging discipline gaps through the creation of a network
of exchange to develop a legacy of learning**

How does it work?



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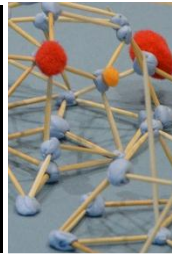
**“Wicked”
Design
Challenges**

**Commercial
Design
Challenges**

**Guest
lectures**

- **Dynamic and unique environment**
 - outside the traditional curriculum
 - UG (second years) engage in challenges-led learning
 - challenges cross discipline boundaries (newness)
- **Disruptive parameters to impact on learning**
 - time controlled environments
 - challenging students both creatively and technically (competitive)
 - developing entrepreneurial / employment skills

Framework



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**Challenge-led
learning**

- 7 – 24 hours
- Solution Dragons Den

POC

- Half or full day event
- Mentor Programme

**Enterprise / Commercial
activity**

- Concept to reality
- DOY innovation centre

>>>>INSPIRE>>>>INNOVATE>>>>IMPACT>>>>

Impact.....

"It has shown me what some of my lecture have been trying to tell us which is that collaboration and working with people from different specialisms is when design can really take off and become exciting".

"It was really helpful to speak to the different tutors... and pick their brains about our ideas, as I would never normally come into contact with tutors from these courses"

"I will be applying for placements again after almost giving up!"

"....in the 24 hours we were given I have been given a massive insight into how completely separate skill sets can come together to generate an idea" "It was an enjoyable challenge, bringing in different skills we have learnt throughout our time here so far. "

"We were told in a guest lecture how SPEED is crucial – so this is great practice and an awesome piece to put in my portfolio

"...today was thoroughly interesting and very relevant to my studies...I feel informed and [it] will leave me with a lot to think about, and a fresh boost of creativity"

Case Study 1 - Creating Learning Communities



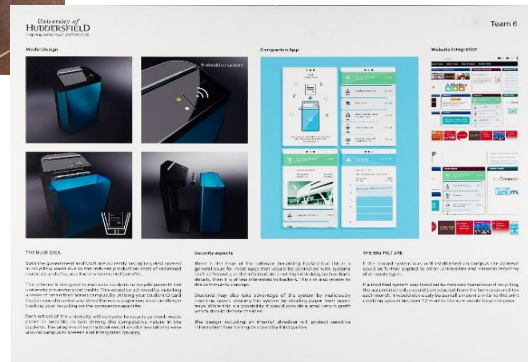
Art
Design
Architecture
Huddersfield

Interdisciplinary design led challenges

“The ICE project for me has been such a beneficial experience. I’ve learnt skills which I would never have gained through my degree and I’m still being offered brilliant opportunities and meeting new people due to taking part in this project.” student 2017



...To my surprise the value of the ICE challenge has been not only in the high pressure work itself, but in the experience & highlighted importance of cross discipline student collaboration. Personally as a designer, Project Blue has demonstrated an ability to not only craft and develop an idea into strong brand identity but then weave that brand into a styled companion digital role out & animation, all of which have become highly transferable skills when working in industry. Student 2017

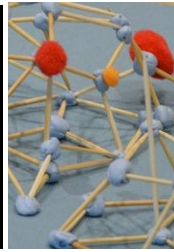


“It has been an unbelievable experience that has offered me the chance to not only meet new people ...but learn things in industries that I have no knowledge of at all. I would recommend it to anyone not only as a confidence building experience but also the chance to pursue an idea or concept that you wouldn't otherwise get the opportunity to even look at.” Student 2017

BLUE BIN

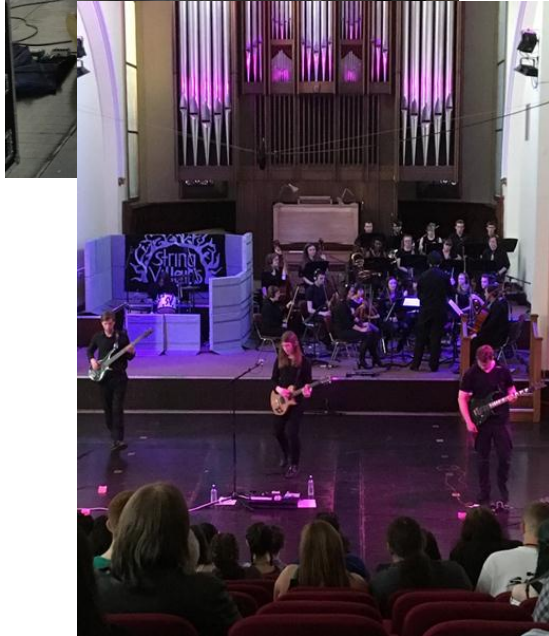
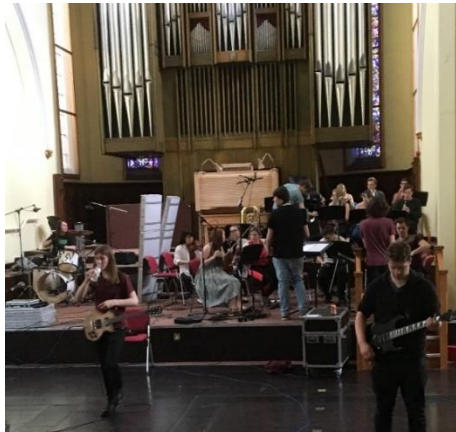
- Interior Design – Heather Ward
- Graphic/Animation – James Betts
- Electrical Engineering – Philippa Hazell
- Product Design – Alex Li

Case Study 2 - Creating Confidence and Skills



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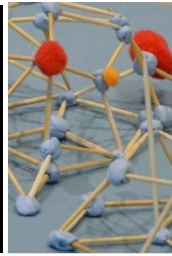


“The HoneyPot has not just helped with this project in granting String Villains with Orchestra. Landed his first gig as an arranger for an established band and offers the prospect of recording at a prestigious studio. I have the technology to create independently.” Andrew Johnston 2016

<https://www.youtube.com/watch?v=0SqqRVvjZoo>



Learning by doing



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100

Concrete Experience

Reflective Observation

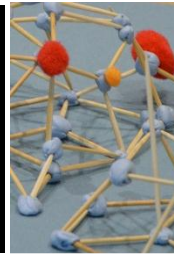
Abstract Conceptualisation

Active Experimentation

- Learning value – networking, real world environment, apprehension, delight, strength of people, new facilities, new learning styles and opportunities.
- Networking, peer learning, fast-paced environment, new skill sets, “it is alright not to know”, learning about your discipline, develop weaknesses, empathy, value to employability, teamwork.
- Learning environment and its impact, outside comfort zone, critical decision making, thinking on the fly, learning to deal with people, employability skills.
- Enhancing future learning, confidence, patience, better equipped to deal with challenges in final year, learning to let go, learning to trust

“Tell me and I'll forget; show me and I may remember; involve me and I'll understand.” - Benjamin Franklin

Benefits / Challenges



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- Solving global wicked challenges
- New ways of working
- New knowledge / experiences
- Sense of belonging
- Encourages – engagement
- Critical empowered learner
- Employable graduates
- Develops essential skills of:

problem solving

team working

negotiation

conflict management

Self awareness

- **Discipline silos**
- **Understanding epistemological perspectives**
- **Commercial sector (trust)**
- **Cross-fertilization across discipline boundaries**
- **Interdisciplinarity is largely a new concept in UK HE**
- **Skill set in HE underdeveloped**
- **Balance differentiation**
- **Establishing ground rules**
- **Institution barriers**

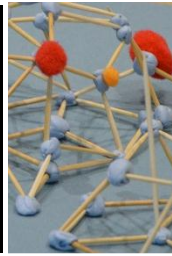
Launch Event
19 & 20th Oct 2017

Streets of Colour

- **Kirklees Council (Creative Economy Team)**
 - continues to champion the town centres
 - seeks to support new ideas
 - to generate and sustain footfall into the centre.
 - Dynamic and unique environment
- **Challenge (Town Hall/University of Huddersfield)**
 - Judges – Cllr Naheed Mather, Jacqui Gedman,
Tim Thornton and Liz Towns-Andrews
- **Terms and Conditions Apply**

The intention is that the council will cost some of these ideas and take them forward – great for students and university

Outputs



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Power, J. (April 2017) Beyond the boundaries of Art and Design. Exploring Territories: The Changing Landscape of Art and Design in Higher Education' GLAD Annual conference, Manchester. Thursday 6th April 2017.

Power, E., J. (2016) Honeypot -A creative exchange for enterprise and employability - Pecha Kucha. International Entrepreneurship Educators Conference IEE 7&9th Sep– Liverpool.

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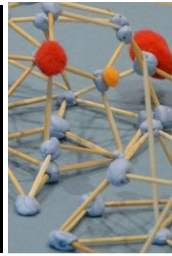
Power, E. J. (2016) 24 hour interdisciplinary Challenge, Experiential Entrepreneurship Exercises Journal - Enabling More Active Entrepreneurial Classrooms Through Sharing, Learning & Doing ISSN: 2374-4200 (online) Volume 1, page 70-75. Issue SI-ETC (special issue is a collaboration with “ETCToolkit” www.etctoolkit.org.uk). <http://launchideas.org/wp-content/uploads/2016/05/EEEJ-Issue-ETC-Special-Issue.pdf>

Power, E.J. (2015) 24-hour interdisciplinary (Design) Challenge), Enhancing the Curriculum (ETC) University of South Wales: A Toolkit of Teaching Techniques Case Examples: <http://www.etctoolkit.org.uk/science-technology-engineering-and-maths/materials/>

Power, E.J., Fleming, L. and Smith, K. (2014) A Honeypot of rich ideas – Building online communities to promote knowledge exchange and collaboration between creative arts and engineering ALT Sep 2014

Power, E. J. (Dec 2014) The 24 hour challenge: creating a multidiscipline environment for, design and entrepreneurship in engineering and design. Enhancing Employability through Enterprise Education: example of Good Practice in Higher education HEA case study. P22, In Owens, J. and Tibby, M (2014) Enhancing employability through enterprise education: Examples of good practice in higher education. The Higher Education Academy UK

Summary



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- **Best practice models – interdisciplinary collaborations in HE**
- **Key challenges, levers/mechanisms and intutional barriers**
- **A blueprint – ICE**
- **Value to learning, employability and professional development**

**ANY
QUESTIONS?**

**Thanks to Liz Towns-Andrews,
Leigh Fleming and Abi Blower**