

# Creating the Next Generation of Postgraduate Enterprise Training

Katie Wray

Marek Tokarski

Newcastle University, UK

**rise**up

Join the entrepreneurial revolution



# Agenda

- 09:40 Introduction and Case Studies
- 09:55 Activity brief
- 10:00 Sharing experiences
- What works?
  - What doesn't work!
  - Examples of good practice...
- 10:20 Using experiences to evoke ideas
- 10:30 Summarising with a group favourite
- 10:40 Finish and framework

# Who are postgraduate researchers?

- Postgraduate Researchers (PhD students)
  - learning and skills outcomes, devt programmes
- Research staff
  - more funding for training by research councils
- Early Career Researchers
  - finding their way into research or industry
- Academic staff
  - less funding, University staff development provision

# Who are our postgraduate researchers?

- 118 PGRs in 11/12
- Home/EU: 68%, International: 32%
- Female: 46%, Male: 54%
- Single intervention: 53%, Multiple interventions: 47%
- HaSS: 16%, Medicine: 40%, SAgE: 44%

# Why we need Next Generation Researcher Training

- We know that:
  - Researcher/Staff development programmes are a good place to provide access to enterprise
  - Researchers are interested in protecting their results and their interests
  - Networking and public engagement is required
  - Funding and accrediting bodies are including enterprise in their portfolios
  - Entrepreneurial researchers are typically good researchers
  - Research should be good *for* something

# Why we need Next Generation Researcher Training

- Fit for purpose? [Provocations]
  - Interventions tend not to be embedded
  - Commitment to larger programmes is difficult
  - Permission from supervisors/PIs is difficult
  - Value of imaginary concepts
  - Numbers are low, particularly in Humanities
  - Those with concepts are not necessarily the entrepreneurs
  - The RDF is useful, but not well used/known to researchers

# What we've tried to reach these conclusions

- Researcher Development Framework driven programmes
  - Networking, IP, Evidence Modelling
- Solvers sessions
  - Provocation, creative thinking, business planning, pitching
- ACTION Societal Challenge Programme
  - 9 month problem solving competition (EPSRC)
- Biotech, Environment, Engineering YES
- Enterprise Scholarships
  - 3 month stipend following PhD
- Start up support
- Coaching, advice, space, funding etc
- PG Cert in Research Commercialisation
  - Existing PGT modules, plus IP/Commercialisation

# Over to you...

- What works?
- What doesn't!
- Examples of Good practice



# Over to you...

- What works?
  - Larger bootcamp/competition type interventions
- What doesn't!
  - Ad hoc one off sessions
- Examples of Good practice
  - Cambridge iTeams model – surrounding a concept with capable individuals

*<http://iteamsonline.org/>*

# Next Generation...

- Ideas

- Institutional preparation for RAE Enterprise Fellowships or own institutional fellowship

- » up to £85,000 for 12 months to develop a spin-out business around your technological idea. Business mentors and training.

*<http://www.raeng.org.uk/research/researcher/eef/>*

# Pick your Favourite?

- Discuss the ideas and decide on a favourite to provide a summary
- The rest will be written up
- Framework for the next generation of postgraduate researcher training

# Contact

[katie.wray@ncl.ac.uk](mailto:katie.wray@ncl.ac.uk)

0191 208 3988

[marek.tokarski@ncl.ac.uk](mailto:marek.tokarski@ncl.ac.uk)

0191 208 7765

[www.ncl.ac.uk/careers/riseup](http://www.ncl.ac.uk/careers/riseup)

**rise**up

Join the entrepreneurial revolution

