Using Interdisciplinary Networks to Develop Educational Materials

Catherine Rhodes
Institute for Science, Ethics and Innovation
University of Manchester
catherine.rhodes-2@manchester.ac.uk
• Interdisciplinary Network on Teaching of Ethics for Neuroscientists

• Early Career Researchers Network for Development of Ethics Education in Universities
Currently

- Ethics Education for Neuroscientists
- Online educational module
- 6 units available in initial version
- Plus two introductory briefings
- Pilot implementation and evaluation
How We Got There

• Context


• Partners
Network Activities

- Surveys
- Scoping visits
- Workshops

1. The present state of ethics education for neuroscientists
2. The ideal state of ethics education for neuroscientists in 2015
3. What needs to be done to fill the gaps between the present and the ideal state of ethics education
4. Getting from the present to the ideal state
Neuroethics Educational Module

THE UNITS

1. Science Ethics and Responsible Conduct of Research
2. Clinical Practice
3. Experimental Practice
4. Cognitive Enhancement
5. Uses and Interpretation of Brain Imaging
6. Neuroscience of Morality and Moral Enhancement
7. Concepts and Approaches in (Neuro)Ethics
8. Introduction to Biosecurity and Dual-Use
9. Novel Neuroweapons
10. Chemical Weapons
11. Biological Weapons
12. The CBW Non-Proliferation Regime

• Introductory Briefing to the Neuroethics Educational Module
• Background Briefing: International Law, Ethics and Security
Where Next?

- Completion of initial version of remaining modules
- Revision following evaluation
- Teaching notes
- Supplementary materials
- New version(s)
- Additional funding

“All users of the module are encouraged to provide examples of how they have used it and contribute case studies and other teaching and learning materials to an online collection which can be utilised by others alongside the module.” – Introductory Briefing to the Educational Module
Early Career Researchers Network

- Launched at workshop in Tepic, June 2015.

- Early outputs: workshop report; special issue *Revista Biociencias*; survey of ethics education in Mexican universities; teaching collaborations.

- Capacity-building goals.