

Introduction

A key fundamental tenant of the LCDS is Sustainability.

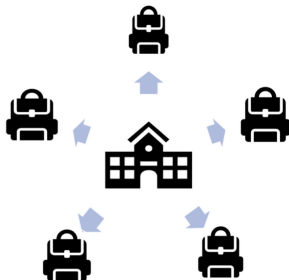
- The initial LCDS base grant lasts for ten years.
 - How does the LCDS survive after this?
 1. Additional [large] ad-hoc [block] grants.
 2. Philanthropic investment (as in other parts of UoO).
 3. Teaching.
- Perhaps 3. is the most sustainable over the long run.
- Students also play a key role in the academic eco-system and bring so, so, so many net positives to research in general!

Short Courses

- Short courses allow us to offer bespoke content/enter market.
- Did anyone attend Ilya's 'Art and Science of Data Viz' class?
 - The LCDS could begin to offer classes like this.
- The majority of such short classes run on the NCRM.
 - However, several organizations run their own independently.
 - They usually charge a small daily/weekly fee (c. £100 per day).
- We can also offer courses on platforms like edX and Coursera.
- Not a way to make \$\$\$, but to prototype content/modules.

Hub and Spoke

- We've also recently discussed a 'Hub and Spoke' type model.
- It involves LCDS members teaching in:
 - Department of Sociology
 - School of Geography and Environment
 - Department of Statistics
 - Department of Economics
 - EPSRC CDT in Health Data Science



and potentially a range of other places across the University.

Bootcamps

We're most recently exploring 'Bootcamp' style teaching.



- Extremely popular emerging format.
- Focus on applied, code intensive courses.
- Could be 1-3-6 months long.
- Focused on idea of 're-skilling'.
- May involve an 'incubator'/'capstone' project.

Two general ideas for bootcamps are emerging:

1. A broad conversion to advanced research/operations.
2. Advanced Stats/CSS route for NSO/IGO/NGO employees.

Degrees

In the long run, our goal is to offer degrees!

1. Core Courses

- 1.1 Core statistical methods
- 1.2 Core programming

2. Elective Courses:

- 2.1 Formal demography
- 2.2 Consumer demography
- 2.3 Geospatial data and analysis
- 2.4 ML for population data Science
- 2.5 Digital/computational Demography
- 2.6 Advanced statistical programming
- 2.7 An introduction to Bayesian statistics



and potentially a range of other places across the University.

Group Discussion

- Sorry for two military cliparts in a slide deck: we're mobilizing!
- Some potential questions for our discussion groups:



1. What format should we offer?
2. Who is our target audience?
3. How to differentiate within the University?
4. Who would be our external competition?
5. What would **you** like to teach?