

# Engaged PhD program

Division of Health Sciences, UniSA

Structured co-curricular experiences to develop transferable skills and complement the research experience.



University of  
South Australia

or....

# How to pimp your PhD

Division of Health Sciences, UniSA



## WHAT



A research project-based PhD with structured co-curricular experiences for the purpose of developing transferable career skills, complementing the research experience, ensuring students emerge as globally capable graduates and making it easier for students to customise their skill set for future careers.

## WHY



The nature of the PhD is changing globally and graduates are expected to have demonstrable career-specific capabilities upon graduation and given only a small proportion of PhD graduates enter into academia, there is a need to train our students for success in other fields. This program will enable UniSA students to be globally competitive and provide them with the best experience in research education available.

## WHO



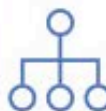
All PhD students who commence in the Division of Health Sciences at UniSA from 2014 will undertake the program.

## GET



Career-specific skills, experience and engagement outside of the University.  
A Portfolio describing these experiences and capabilities.

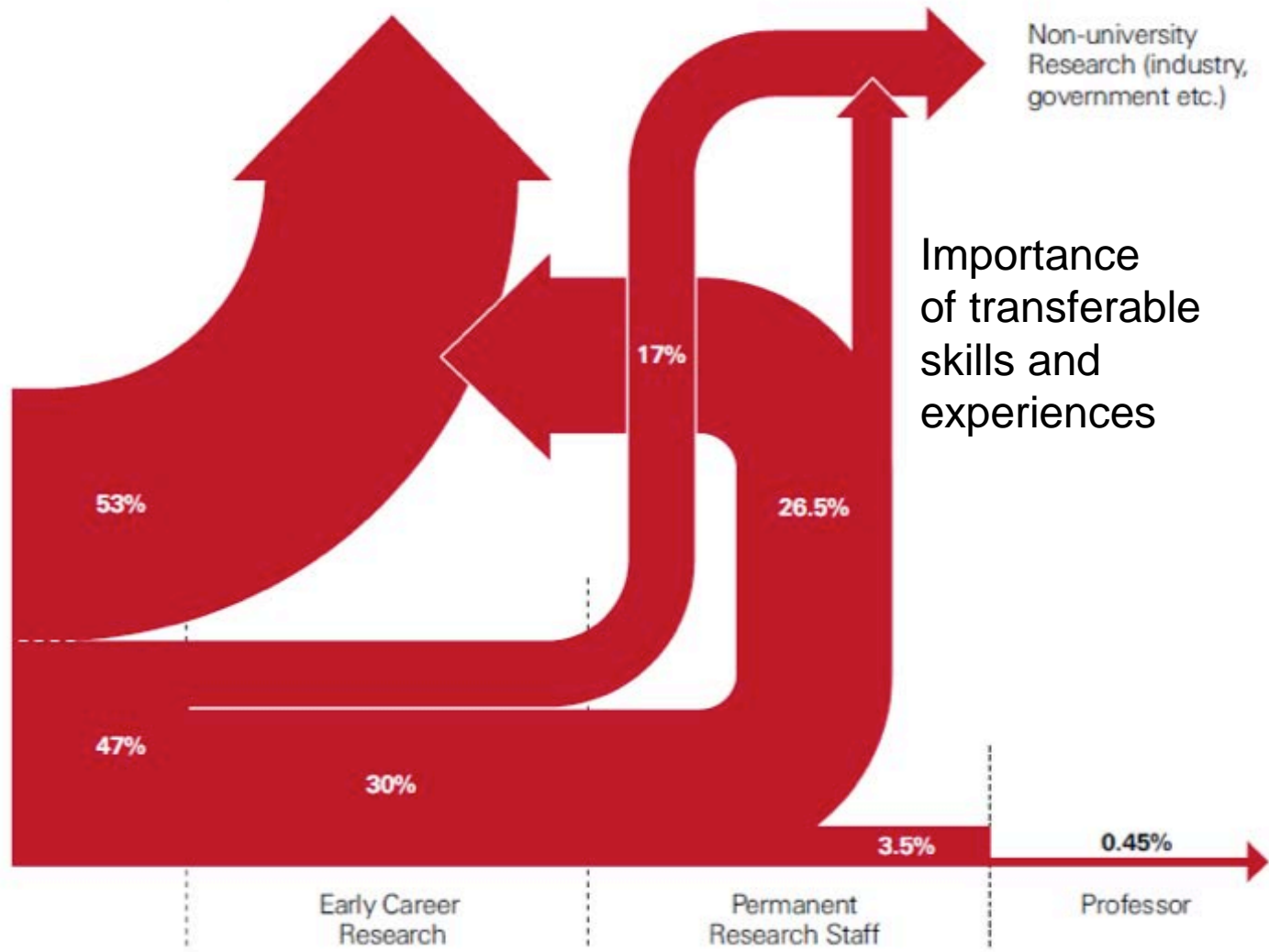
## INVOLVE



To compliment and support their PhD research, students undertake Engaged PhD workshops in Year 1, then a series of studies and activities aligned with a chosen pathway in Years 2 and 3. Pathways to choose from are: Academic | Governance and Policy | Global Outlook | Research Enterprise | Clinical Practitioner Research



Careers outside research



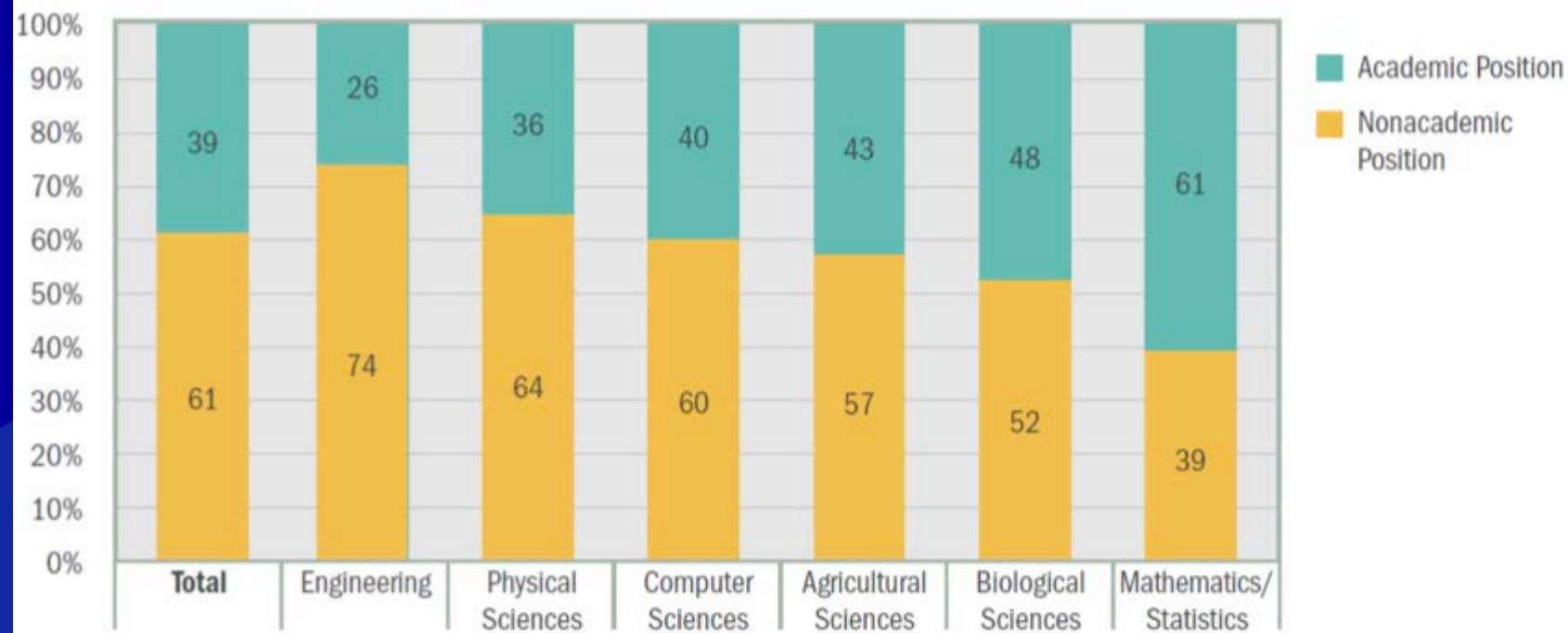
Royal Society Report, 2010. "The Scientific Century". This diagram illustrates the transition points in typical academic scientific careers following a PhD and shows the flow of scientifically-trained people into other sectors. It is a simplified snapshot based on recent UK data (HEFCE, the Research Base Funders Forum and from the Higher Education Statistics Agency's annual 'Destinations of Leavers from Higher Education' Survey). It does not show career breaks or moves back into academic science from other sectors.

## Australia in 2011:

7,000 PhD completions  
11,000 PhD commencements  
120,000 PhD students in total



Figure 1. Percentage Distribution of Employed STEM PhD Holders, by Career Type and by STEM Field



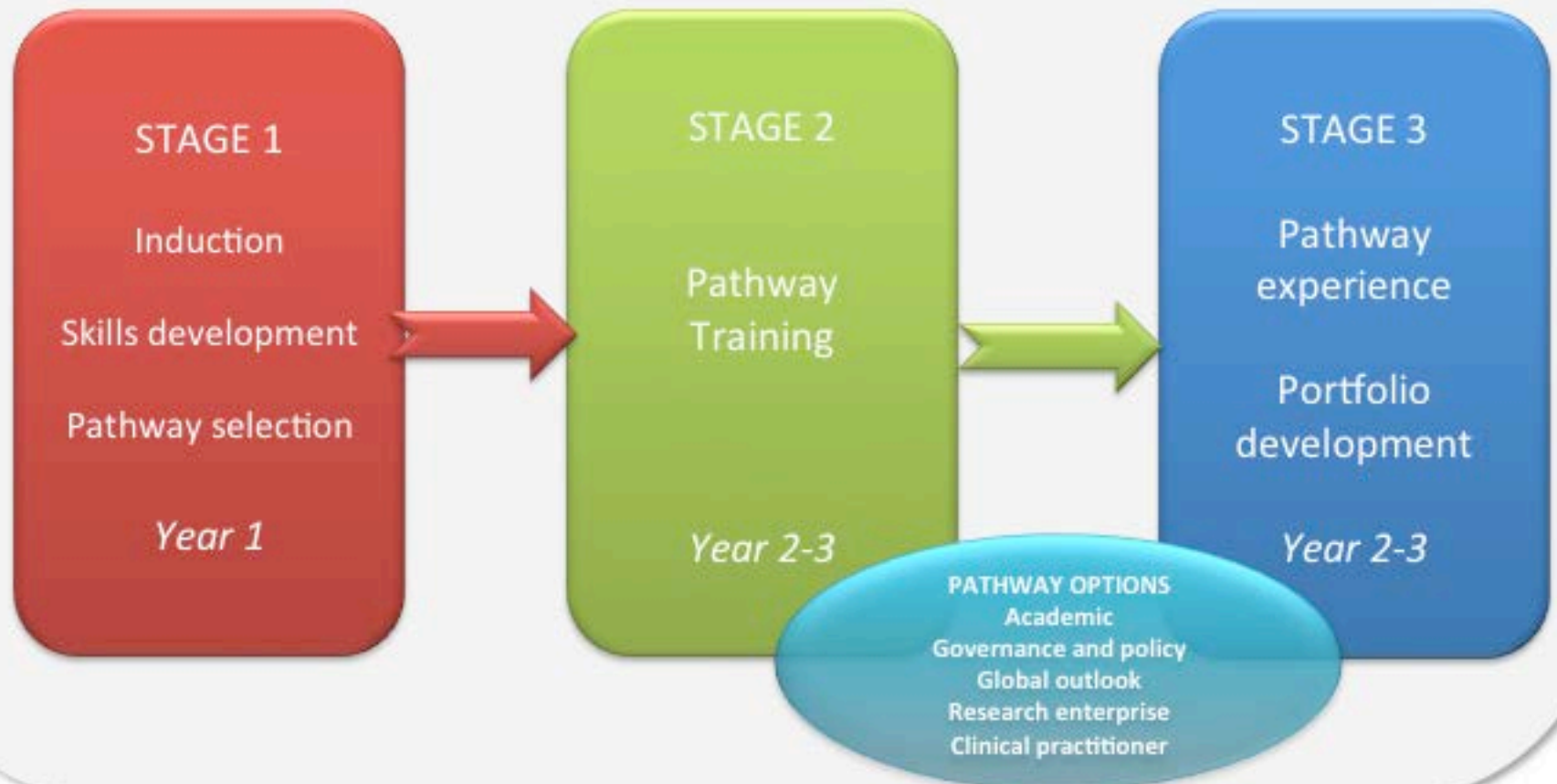


# Engaged PhD

Division of Health Sciences, UniSA

A research project-based PhD with structured co-curricular experiences to:

- Develop transferable career skills
- Complement the research experience
- Ensure students emerge as globally capable graduates





## STAGE 1

**Student Induction  
Skills  
Development  
Pathway selection**

**Year 1**

- ❑ Stage 2 focuses on transferable skill development
- ❑ 6 compulsory workshops and master classes to be held this year which focus on the development of transferable skills
  - Communication to different audiences – RESA
  - Career planning and development - TODAY
  - Effective publishing techniques - RESA
  - Analytical methodologies – Division-run
  - Project Management – Division-run
  - Finding Funding – Division-run





**STAGE 2**  
Pathway training  
Yr 2-3

- ❑ Pathways offer study activity and experiences aligned to your career interests
  
- ❑ Pathways are flexible so they can be tailored to your interests but everyone must complete:
  - 2 pathway specific study activities
  - A works placement experience
  - A portfolio
  
- ❑ Pathways to be determined by 25 August 2015





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GOVERNANCE AND  
POLICY

GLOBAL OUTLOOK

RESEARCH  
ENTERPRISE

CLINICAL  
PRACTITIONER

### STAGE 3

Pathway Training  
Yr 2- 3

- 2 pathway specific courses/workshops/MOOCs
- a work placement experience
- a work portfolio

❑ Stage 3 focuses on Pathways

❑ Need help to determine a pathway? Talk to:

- your peers
- your supervisor
- your RDC
- the Division Research Office
- Dean: Research Education

# Interested in more than one pathway?



The [Gravelly Hill Interchange](http://en.wikipedia.org/wiki/Spaghetti_Junction) in [Birmingham](http://en.wikipedia.org/wiki/Spaghetti_Junction), England - the original Spaghetti Junction  
[http://en.wikipedia.org/wiki/Spaghetti\\_Junction](http://en.wikipedia.org/wiki/Spaghetti_Junction)



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**STAGE 3**

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## Academic Pathway

Do you want to train the next generation of health professionals, clinicians and scientists and share your research passion and expertise?

Want to improve your capacity to engage with others and assist them in their scientific understanding?

Studies and experiences in this pathway include:

- a workshop on teaching methodology
- an analytical methodologies MOOC
- the Tutoring@UniSA workshop
- the opportunity for paid teaching of UniSA courses for two study periods or semesters
- pieces of reflective and thinking work developed in conjunction with academic or peer mentors that support a teaching performance portfolio.

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## Governance and Policy Pathway

Do you want your research outcomes to be the catalyst to implement change and contribute to the frameworks that govern our society's' approaches to health and wellbeing?

Are you passionate about how your research can impact the wellbeing of our communities?

Studies and experiences in this pathway include:

- an Ethics and Governance or Policy Development MOOC
- the LEAP module on Public Policy
- a NGO, government or University volunteer placement experience
- a portfolio.

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## Global Outlook Pathway

Do your research interests extend beyond the traditional boundaries? Could they translate to positive health outcomes on the global stage?

Studies and experiences in this pathway include:

- a MOOC or UniSA audit course on Globalisation or Politics
- a Networking workshop
- the LEAP module on Global Sustainability
- Work placement in the form of an International visit; or an NGO or community group volunteering placement
- a portfolio.





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## Research Enterprise Pathway

Does the business of science and translating research into practical outcomes excite you?

Do you want to know more about the processes involved in the commercialisation of research?

Studies and experiences in this pathway include:

- a MOOC on Entrepreneurial Commercialisation
- a LEAP module on Entrepreneurship or Research Commercialisation
- Division of Health Sciences master class on Entrepreneurial commercialisation
- An industry or University placement experience
- a portfolio.

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## Clinical Practitioner Research Pathway

Are you interested in how your research can translate into new clinical practices?

Do you want to extend your clinical expertise through sound scientific evaluation and evidence?

Participation in this pathway will be restricted to students with a clinical background who wish to incorporate research into clinical practice.

Studies and experiences in this pathway include:

- master classes on systematic reviews, clinical audit, e-health recording, and evidence-base practice
- a work experience placement with a clinical mentor
- a portfolio that includes reflective and evaluation components.

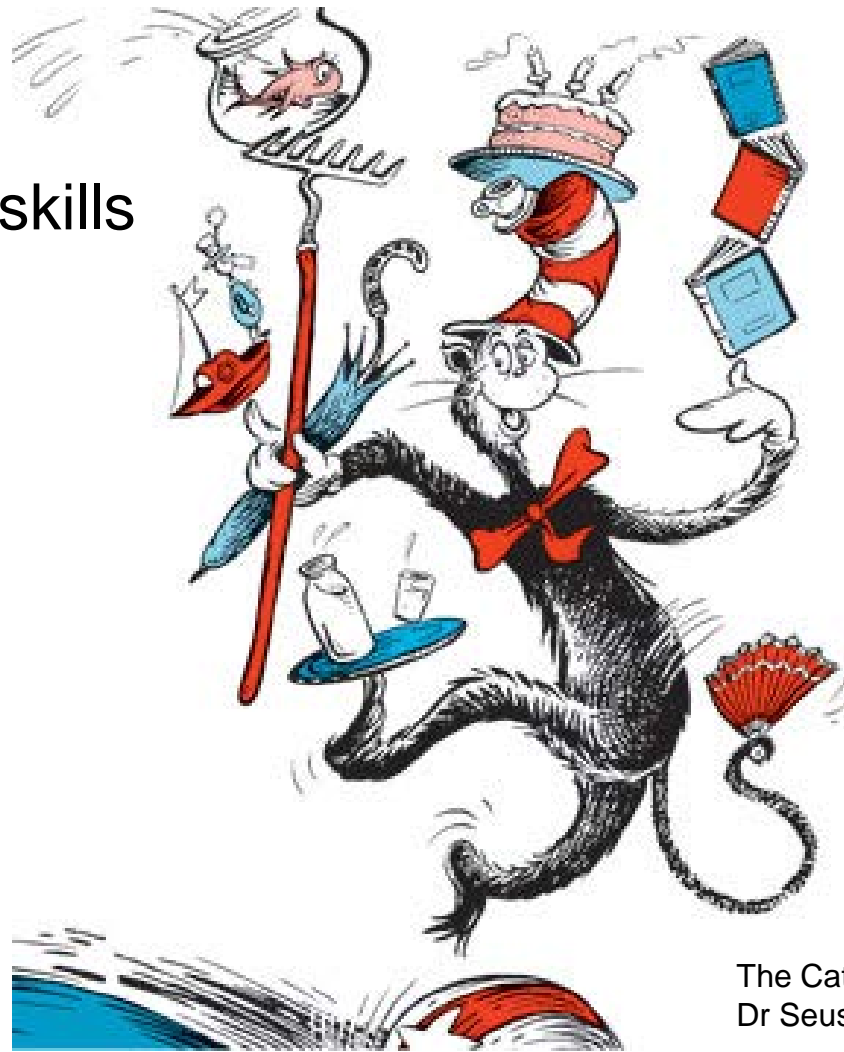
# Components of the Engaged PhD:



## Resources and useful links:

- [Engaged PhD website](#)
- Handbook
- RESA course link and handout
- MOOCs – [MOOC list](#), suggested [MOOCs on Engaged PhD website](#)
- Portfolios – [UniSA ePortfolio](#)

## Transferable skills



The Cat in the Hat.  
Dr Seuss.

## Things to do:

- Read Handbook
- Browse website – monitor calendar for upcoming events
- [http://resource.unisa.edu.au/course/view.php?id=9173&cal\\_m=4&cal\\_y=2015](http://resource.unisa.edu.au/course/view.php?id=9173&cal_m=4&cal_y=2015)
- Select and Enrol for 3 compulsory workshops run by RESA
- Register for 3 compulsory Division run master classes when they are advertised
- Notify the Division Research Office of your pathway choice

# Other information

**Business cards for PhD students**

**3 Minute Thesis <http://www.unisa.edu.au/Health-Sciences/Research/3mt/>**

**– counts towards engaged PhD**