



# Welcome

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# ACOLA

AUSTRALIAN COUNCIL OF LEARNED ACADEMIES

HOME

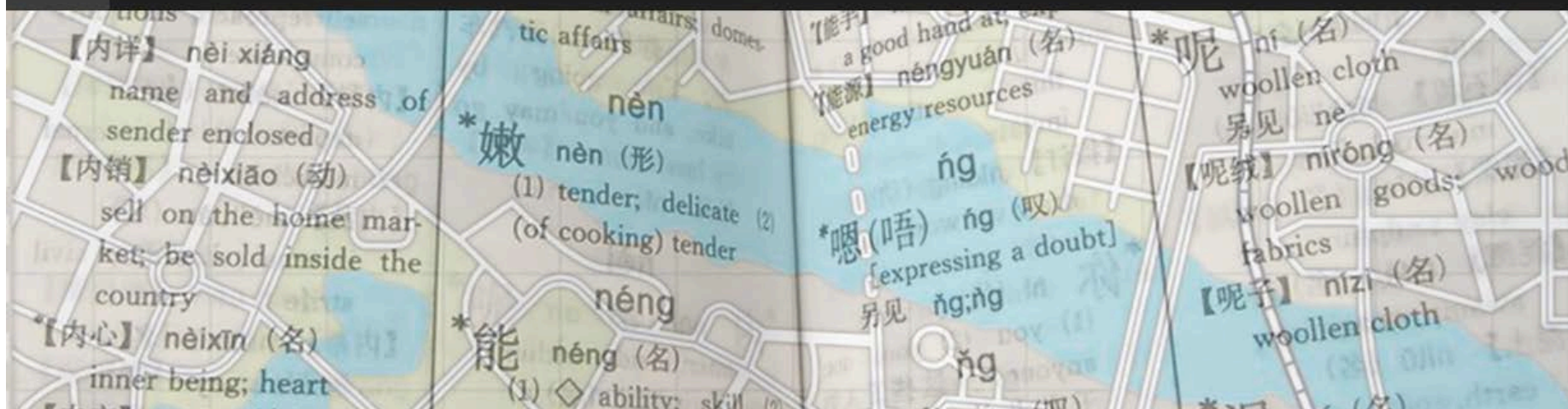
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NEWS & MEDIA

PROJECTS ▾

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ADMIN



**“We must develop the research as well as the researcher...”**

# Tracking Trends Project

ANU leaders: A/Prof Inger Mewburn, Dr Will Grant, A/Prof Hanna Souminen

Partners:



Australian  
National  
University



Australian Government  
Department of Industry,  
Innovation and Science





SEEK industry category	Number of non academic jobs requiring high levels of research skills (x=5 and above) in 2015	Highest x value for a non academic job in that set	% of jobs in set that are x=5 or above (ie: number of 'PhD shaped jobs available in SEEK set, 2016)
Banking and Finance	144	x=10	34%
CEO and management	94	x=8	52%
Consulting and strategy	129	x=10	36%
Design and Architecture	74	x=7	28%
Education and training (not unis)	811	x=8	21%
Engineering	96	x=7	16%
Government and defence	249	x=8	18%
Healthcare and medical	1033	x=10	18%
Information and communication technology	622	x=10	21%
Insurance and superannuation	99	x=6	10%
Legal	47	x=7	24%
Manufacturing, transport and logistics	116	x=8	14%
Marketing and Communications	851	x=10	40%
Science and technology	559	x=9	30%
<b>TOTAL JOBS IN SEEK SET*</b>	<b>4924</b>		

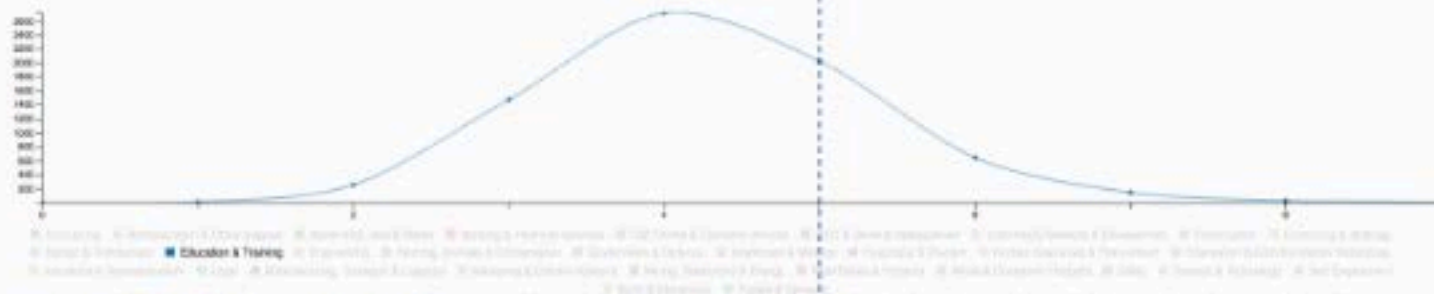
\*It is estimated that ⅓ of jobs in Australia are never advertised



## Different settings of The Machine - with academic jobs on or off

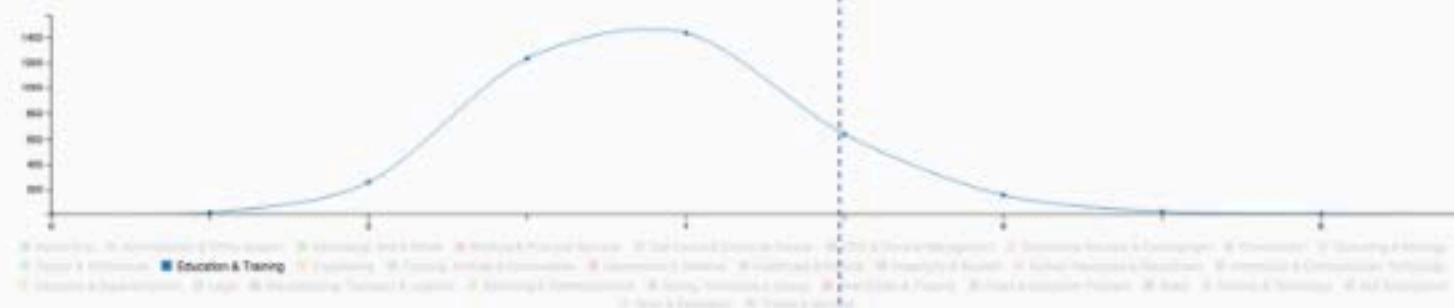
PhD level jobs

All by category and intensity



All education sector jobs in 2015

Categories



Only non-university education sector jobs

# So what are we doing?

# **i. Underlying Philosophy**

Creativity

Resilience

**RESEARCH**

Reflective

Critical  
Thinking

Adaptability

Mistakability

Entrepreneur

Process

New Literacy

International

Ethics

People  
Centred

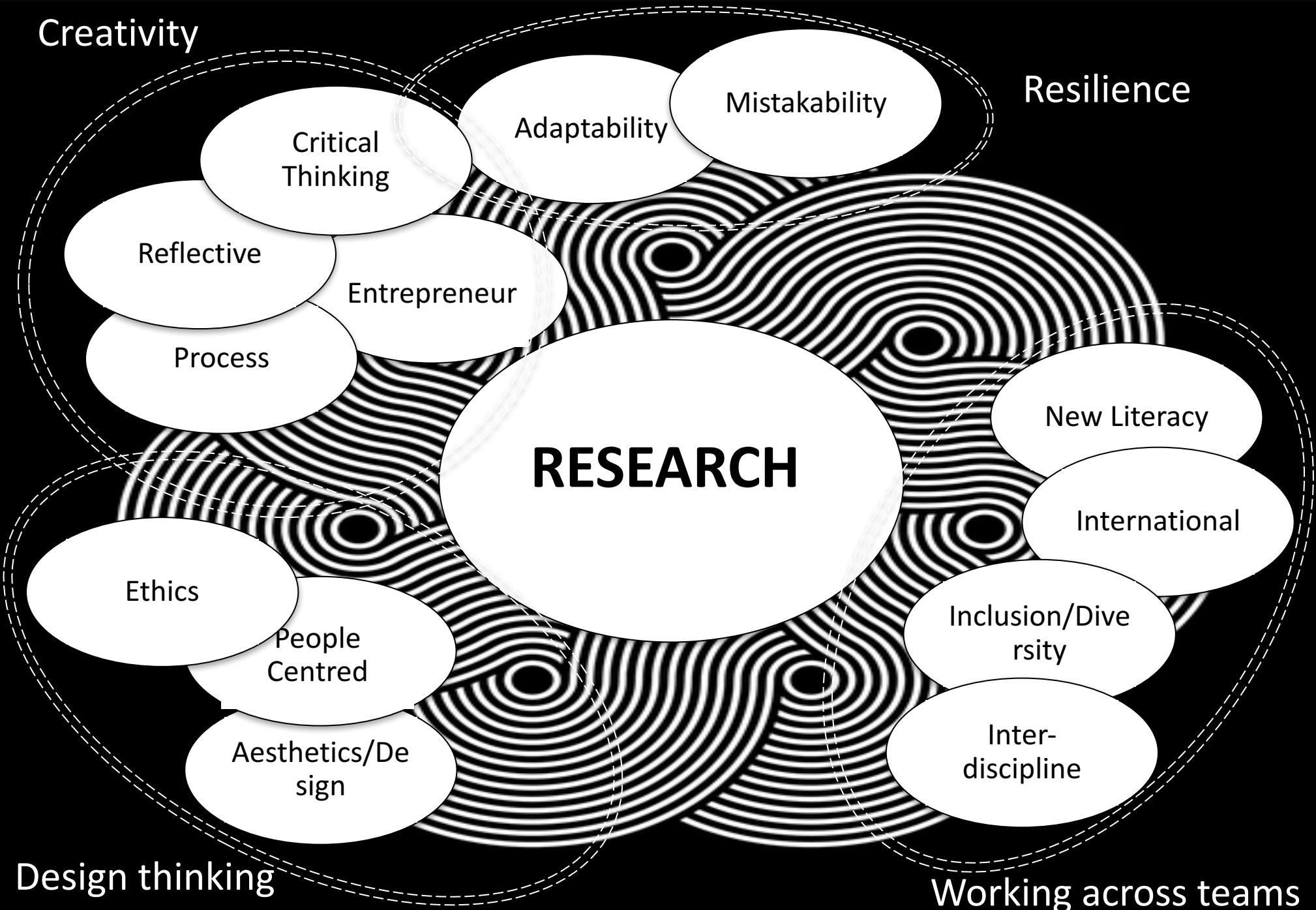
Inclusion/Dive  
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Aesthetics/De  
sign

Inter-  
discipline

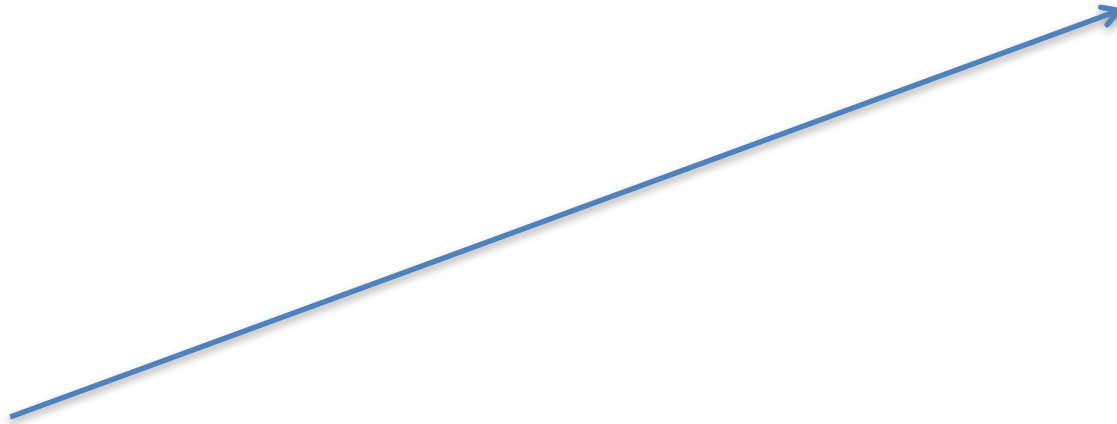
Design thinking

Working across teams

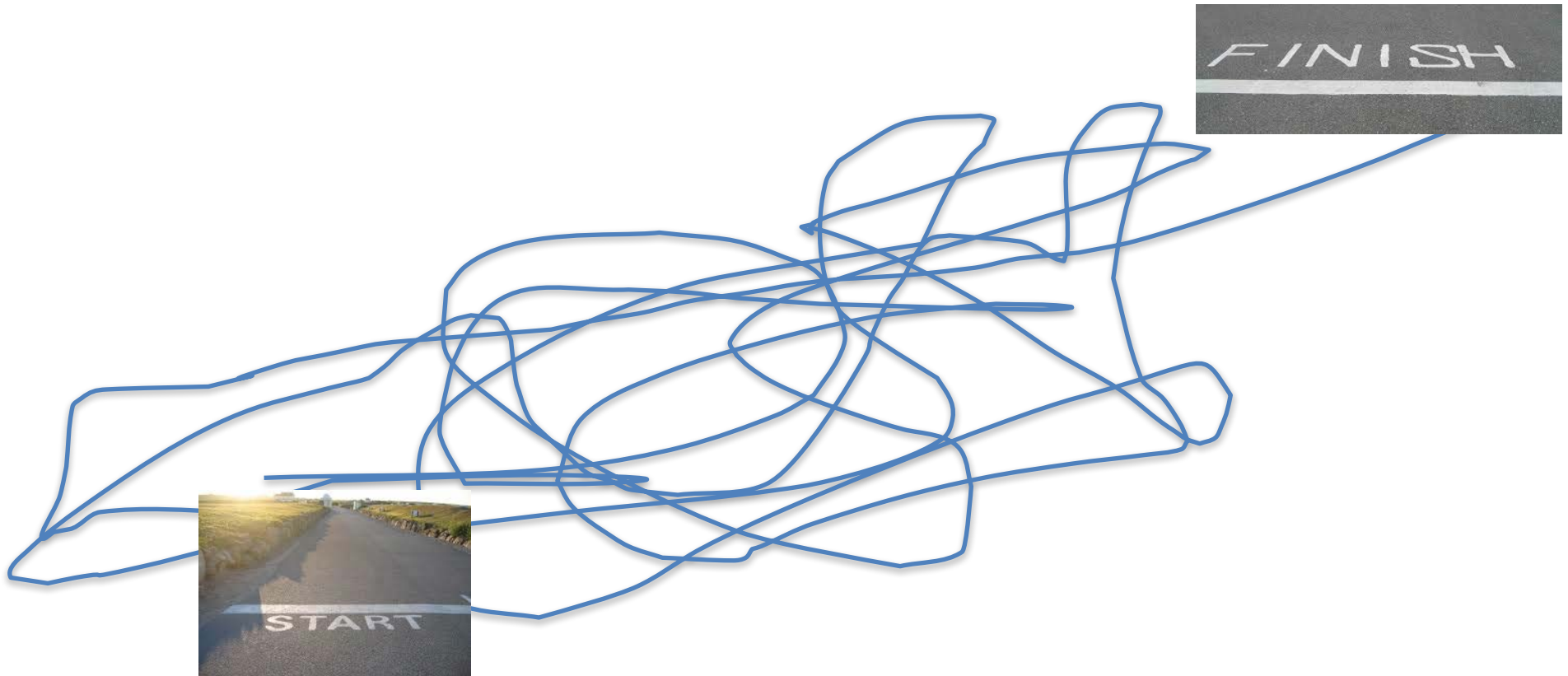




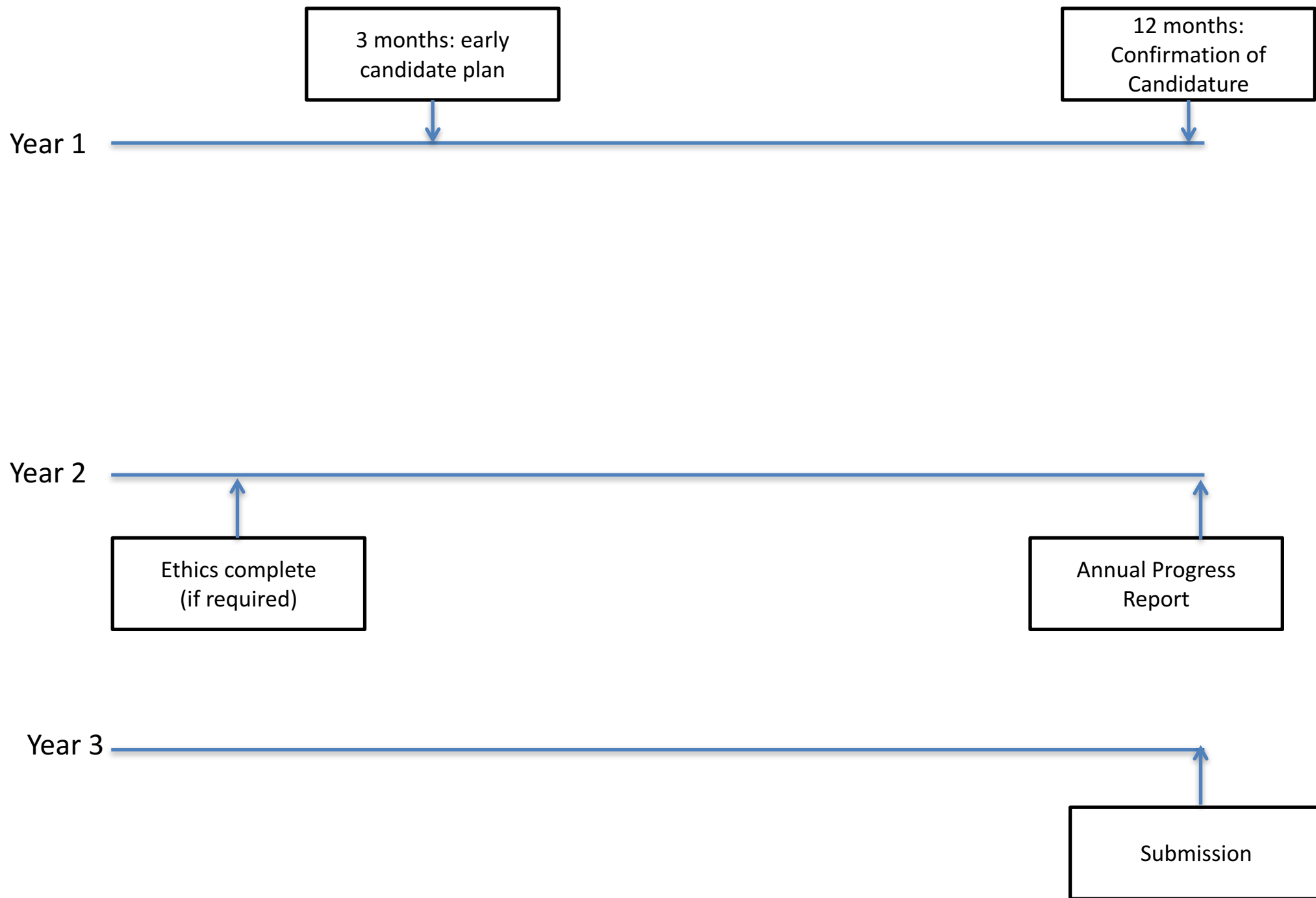
**Your research journey does not look like this...**

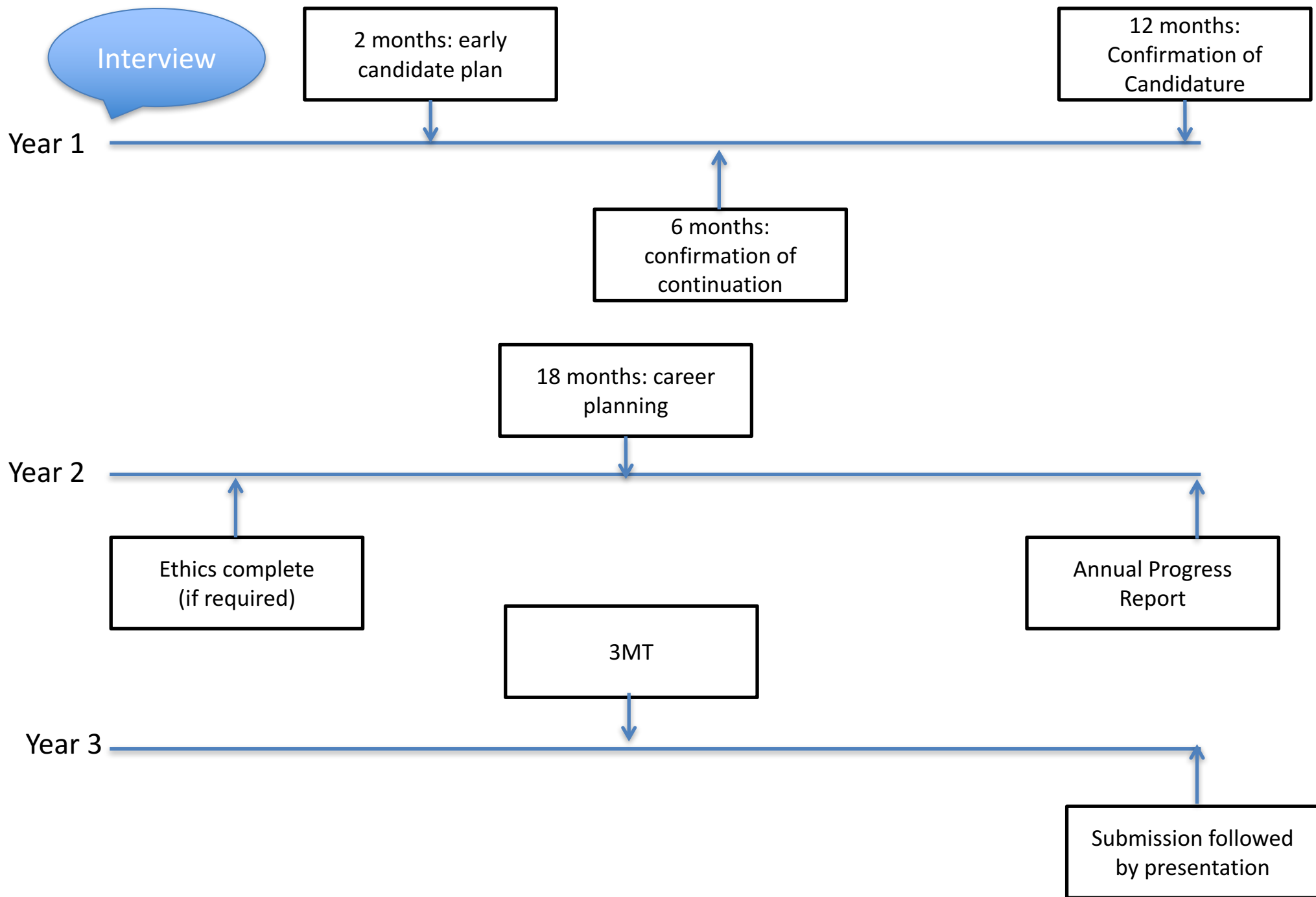


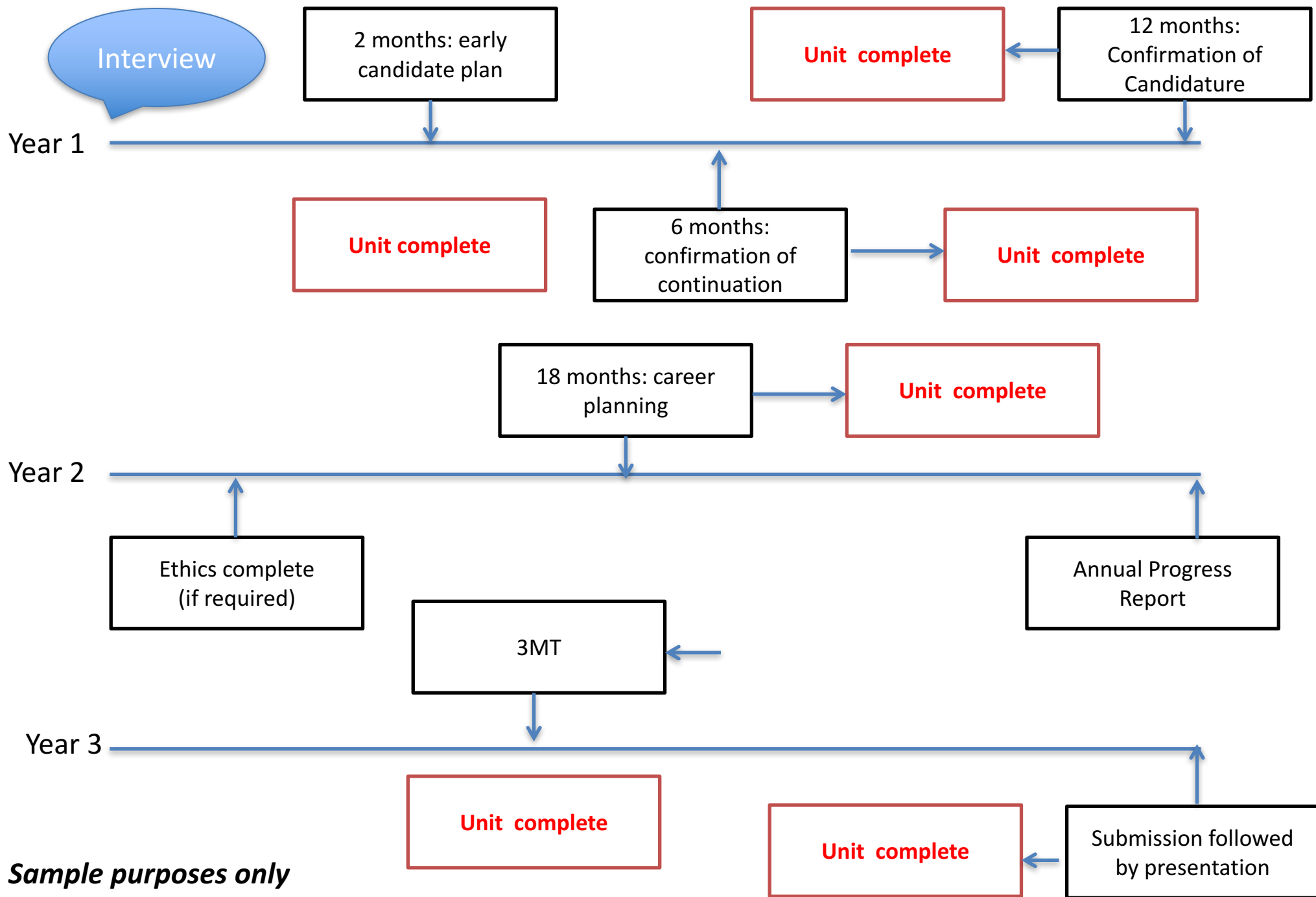
# But like this...



## **ii. Graduate Certificate (Researcher Engagement, Development and Impact)**









### **iii. Defining expectations: Supervisor/Student Compact**

## **iv. Career Planning: part of Grad Cert**

## Career Planning

Non-  
Government

Academia

Entrepreneurial

Policy/Governm  
ent

Industry

- Incentives to publish
- Internships
- Connect to REDI/Careers

- FULT
- How to apply for funding
- How to publish
- Knowledge Translation
- IP
- Discipline workshops

- Crowd funding
- Entrepreneurship/start-up
- Knowledge translation
- IP

# **v. Communication: Knowledge Translation and impact**

