

DClinSci Year 3, 4 & 5

Aims:

to get to a successful Professional
Doctorate!

Focus:

How to help you achieve this

Section C – Research & Innovation (approx 50%)

Current Timeline for Full DClín Sci Cohort 4

15 th May 2019	proforma submission/appointment of academic supervisors
31 st July 2019	Royal College of Pathology approval
30 th September 2019	Planning/expectation meeting optional draft Literature review 1500 words for feedback
31 st January 2020	Literature review submission
31 st March 2020	Progress meeting (1)
May 2020	Lay presentation
30 th September 2020	Progress meeting (2)
31 st March 2021	Progress meeting (3)
30 th September 2021	Thesis planning meeting
31 st March 2022	Thesis progress meeting (includes innovation business plan)
September 2022	End date (submission and viva)

Details

Pathway

Favourites

Progression

Publications

Attendance and Engagement

Training & Development

Examination Summary

Comments Log

Personal Document Store

Internal Assessors

Related links

NEW! Register your ORCID - new webpage for postgraduate researchers

My Research Essentials - researcher training resources

Online system for Ethical Review (ERM)

Training Catalogue

eProg Services

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Progression

A student's progression displays all the milestones, researcher development and any taught units for which the student is registered and the completion status of the student for each activity. The unit code links to a profile of the activity and, where the viewer has permission, it may be possible to access the content of forms associated with the activity.

An [Additional Meeting Form](#) is available to record the outcome of any meetings between a student and a member of their supervisory team other than those prescribed on the student's progression record.

Unit Code	Title	Deadline	Status
FBMHM1405	Research project proforma submission Research project proforma submission	30/09/2019 20/09/2019	Form available from 18/9/2019
FBMHM1310	Research project planning meeting Research Planning Meeting	31/10/2019 31/10/2019	Form available from 11/10/2019
UVEXM0001	Expectations 1 Expectations 1	30/11/2019 30/11/2019	Form available
FBMHM1035	Literature review submission HSST literature report submission	31/03/2020 31/03/2020	Form available from 18/9/2019
FBMHM1040	Literature Report Meeting Literature Report (FBMH)	30/04/2020 30/04/2020	Form available from 18/9/2019
FBMHM1045	Lay presentation completion HSST Lay presentation completion	31/07/2020 31/07/2020	Form available from 18/9/2019
FBMHM2030	Progress Meeting 1 - PT Progress Meeting 1 - PT (FBMH)	31/10/2020 31/10/2020	Form available from 18/9/2019
FBMHM1010	Export Control Export Control	30/11/2020 30/11/2020	Form available from 9/9/2020
FBMHS1013	Research Integrity Training	30/11/2020	
FBMHM2050	Progress Meeting 2 - PT Progress Meeting 2 - PT (FBMH)	30/06/2021 30/06/2021	Form available from 18/9/2019

Return To Search

(Last Updated: 01/10/20



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Unit Code	Title	Deadline	Status
FBMHM1310	Research project planning meeting Research Planning Meeting	31/10/2018 31/10/2018	Completed 28/2/2019 Completed 28/2/2019
UVEXM0001	Expectations 1 Expectations 1	30/11/2018 30/11/2018	Completed 4/3/2019 Completed 28/2/2019
FBMHM1035	Literature review submission HSST literature report submission	30/06/2019 30/06/2019	Completed 16/8/2019 Completed 4/7/2019
FBMHM2030	Progress Meeting 1 - PT Progress Meeting 1 - PT (FBMH)	30/07/2019 30/07/2019	Form available
FBMHM1045	Lay presentation completion HSST Lay presentation completion	31/07/2019 31/07/2019	Completed 4/7/2019 Completed 4/7/2019
FBMHM1040	Literature Report Meeting Literature Report (FBMH)	31/07/2019 31/07/2019	Form available
FBMHM1010	Export Control Export Control	30/11/2019 30/11/2019	Form available
FBMHS1013	Research Integrity Training	30/11/2019	
FBMHM2050	Progress Meeting 2 - PT Progress Meeting 2 - PT (FBMH)	31/01/2020 30/06/2020	Form available
UVEXM0002	Expectations 2 Expectations 2	30/11/2020 30/11/2020	Form available from 30/8/2020
FBMHM4900	Thesis Planning Meeting Thesis Planning Meeting (FBMH)	30/09/2021 18/12/2020	Form available

Return To Search

(Last Updated: 01/10/2020)

Comments and suggestions

Print

My Manchester for Students

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Literature Review (session this morning)

Summative 4000 word (+/- 10%) Literature Review
(pass/fail)

It should include a range of sources but must include primary sources (peer-reviewed journal articles).

It should be well-structured with a good standard of scientific English and appropriately referenced.

Lay Presentation (session this morning)

Assessed on:

Overall quality and clarity

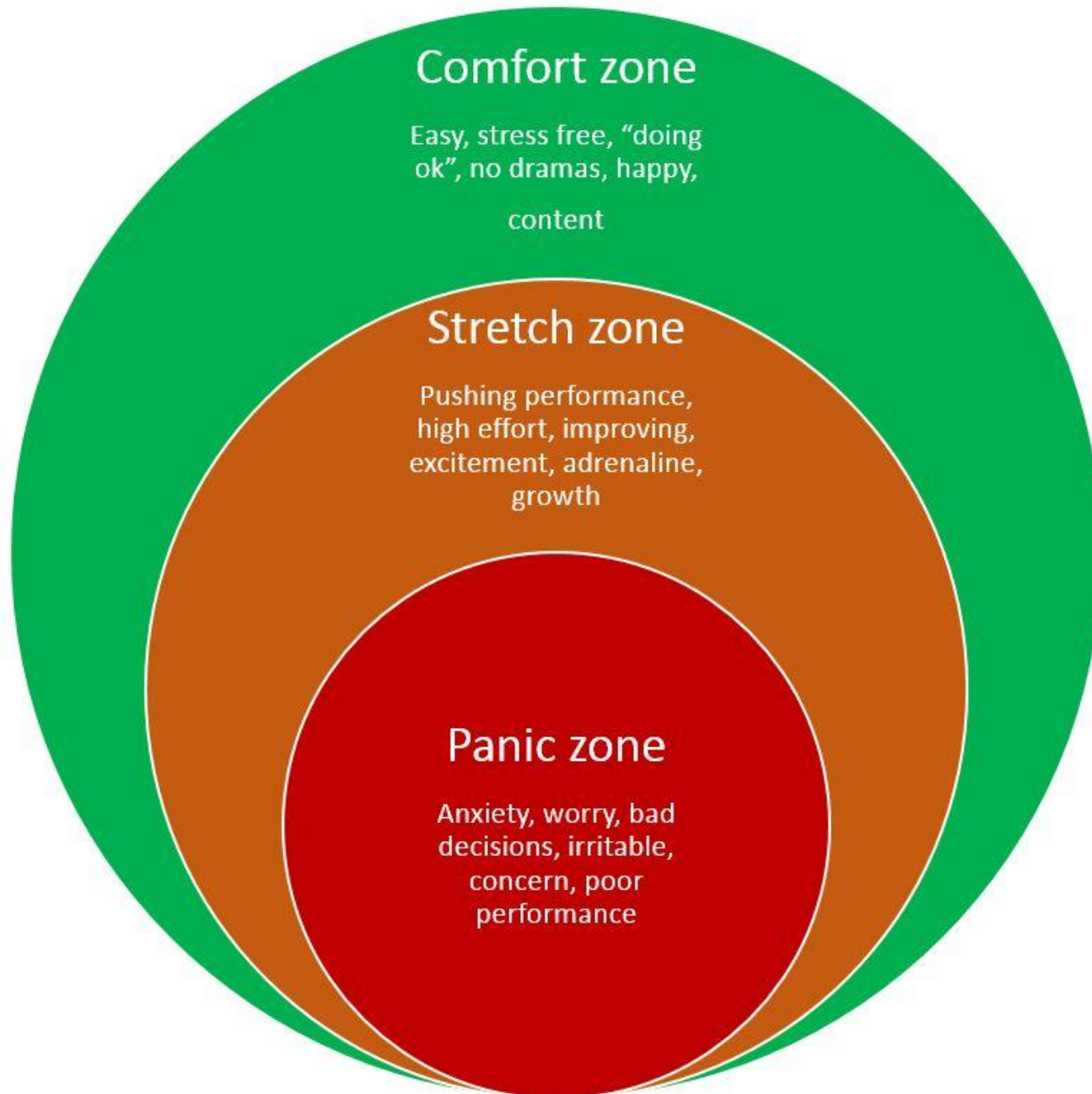
*clear explanation of research
how benefits healthcare sciences
use of lay language/explanations
values/attitudes/behaviours of leader*

Powerpoint slides

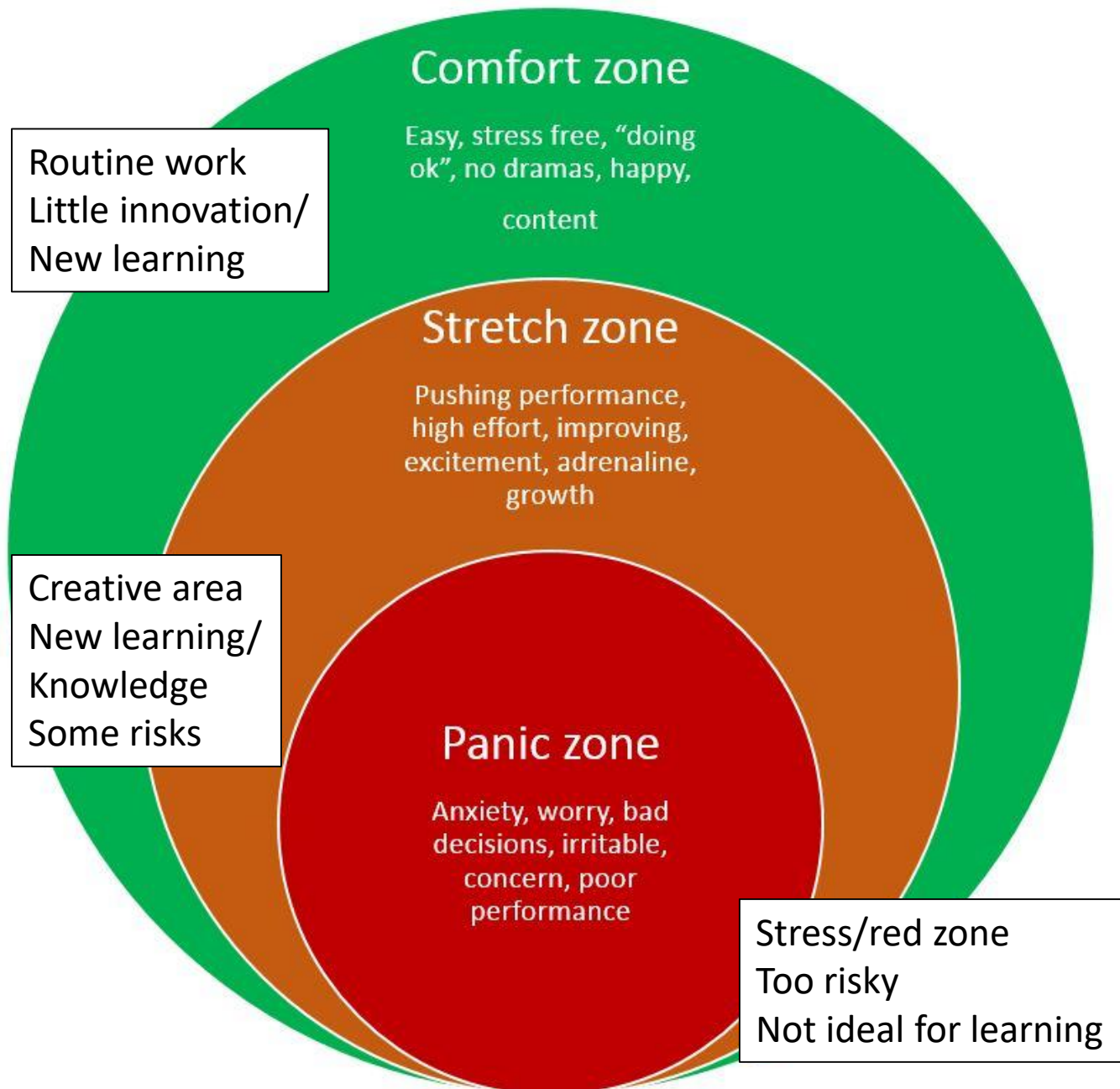
Delivery

*body language, eye contact, audibility,
confidence*

Rohnke's comfort/stretch/panic model of learning



Rohnke's comfort/stretch/panic model of learning



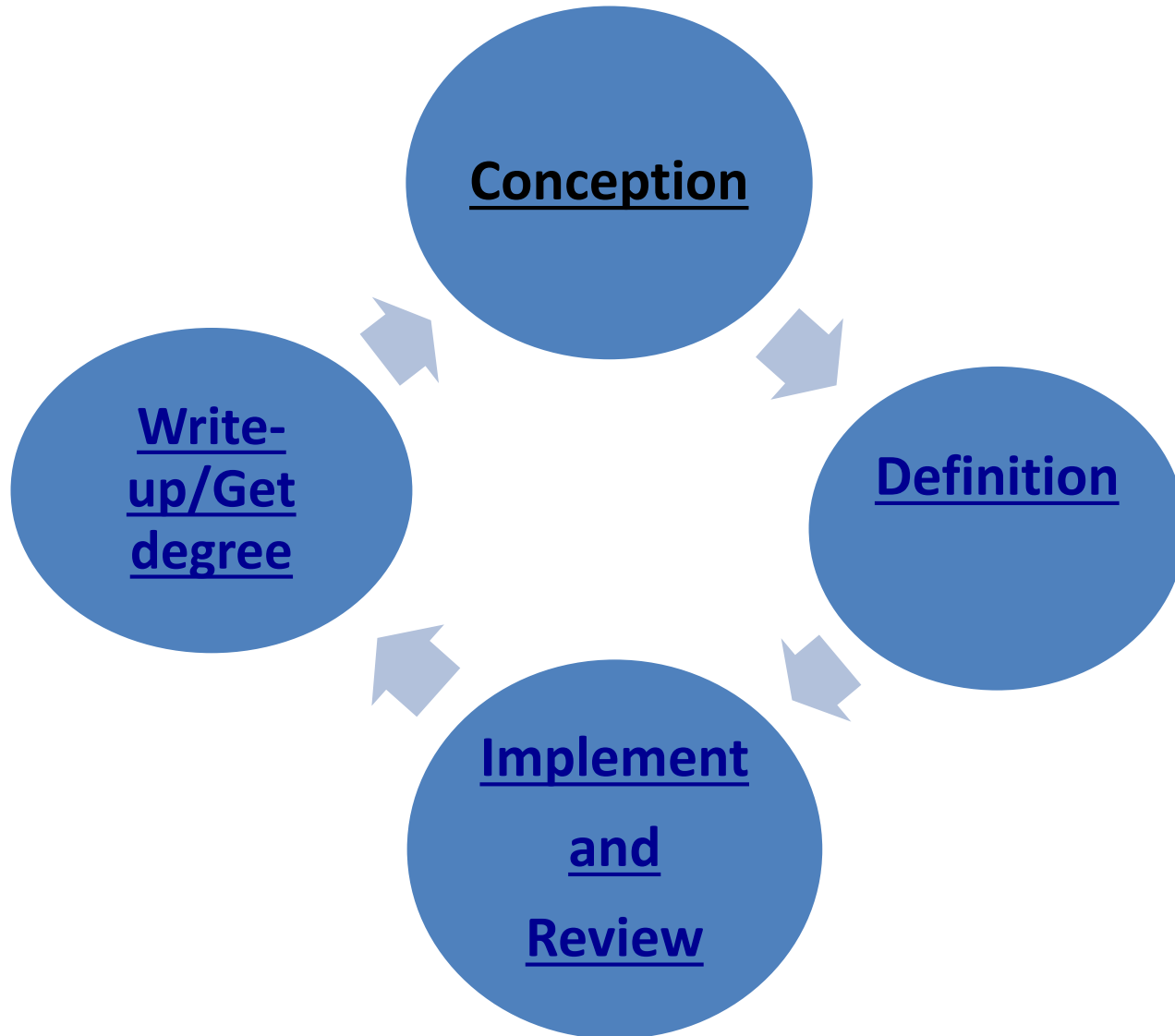
What Is Successful Research?

- Novel research which can be presented at national and international meetings
- Publishing your data in peer review journals
- Research that has an impact for health care (don't forget public engagement)
- Research resulting in a well-written thesis
- Negative results are appropriate for thesis!

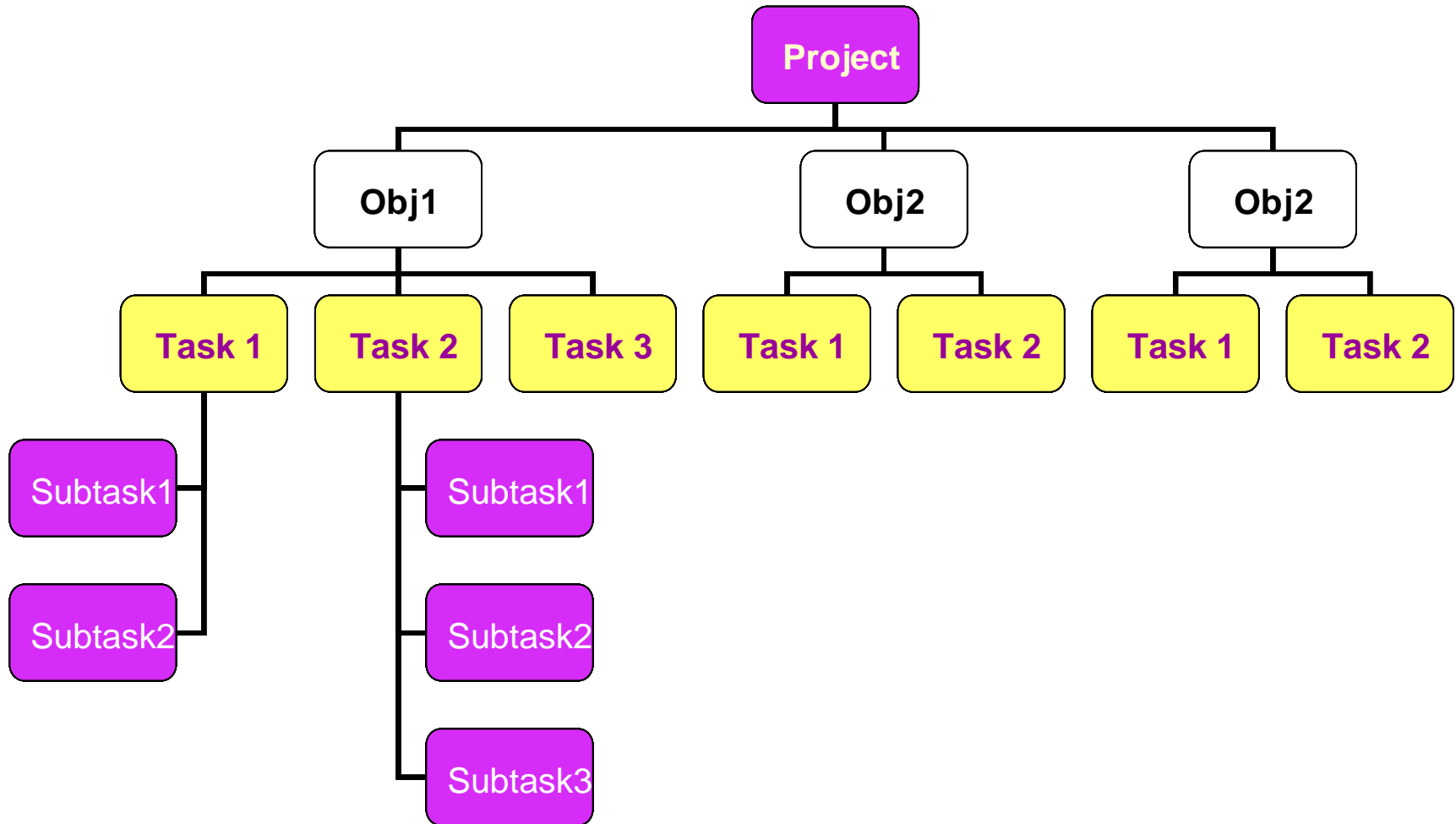
What is an acceptable Research Project?

- **Good Background** showing the importance and clearly identifying where there are gaps in knowledge
- **Hypothesis** leading to *Aims and Objectives*
need to define research question - what, why, how
- One, two or three sets of data that form chapters in a thesis or one or more papers
- **Critical Evaluation**
- **Discussion** of the outcomes and importance and impact

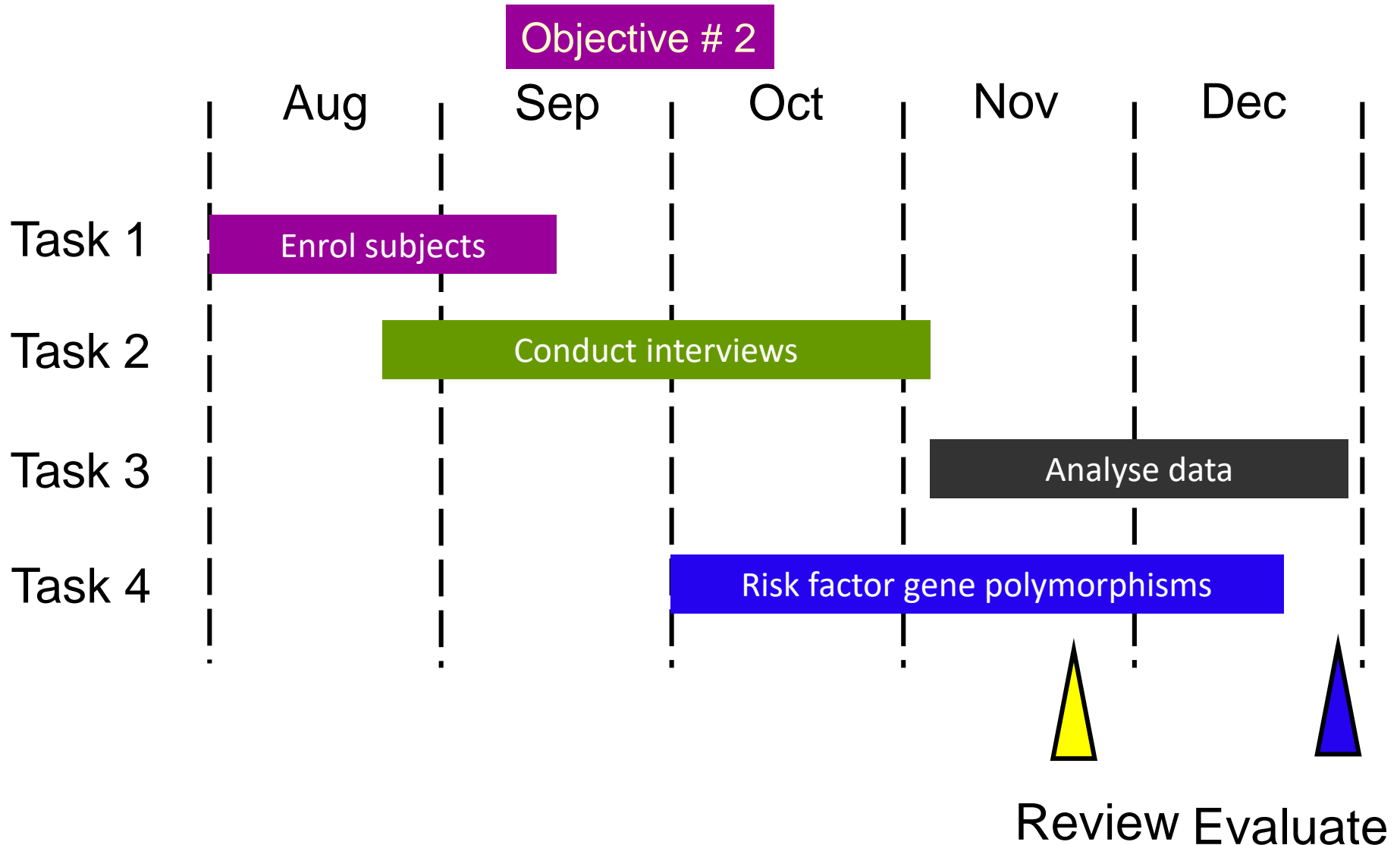
Project management



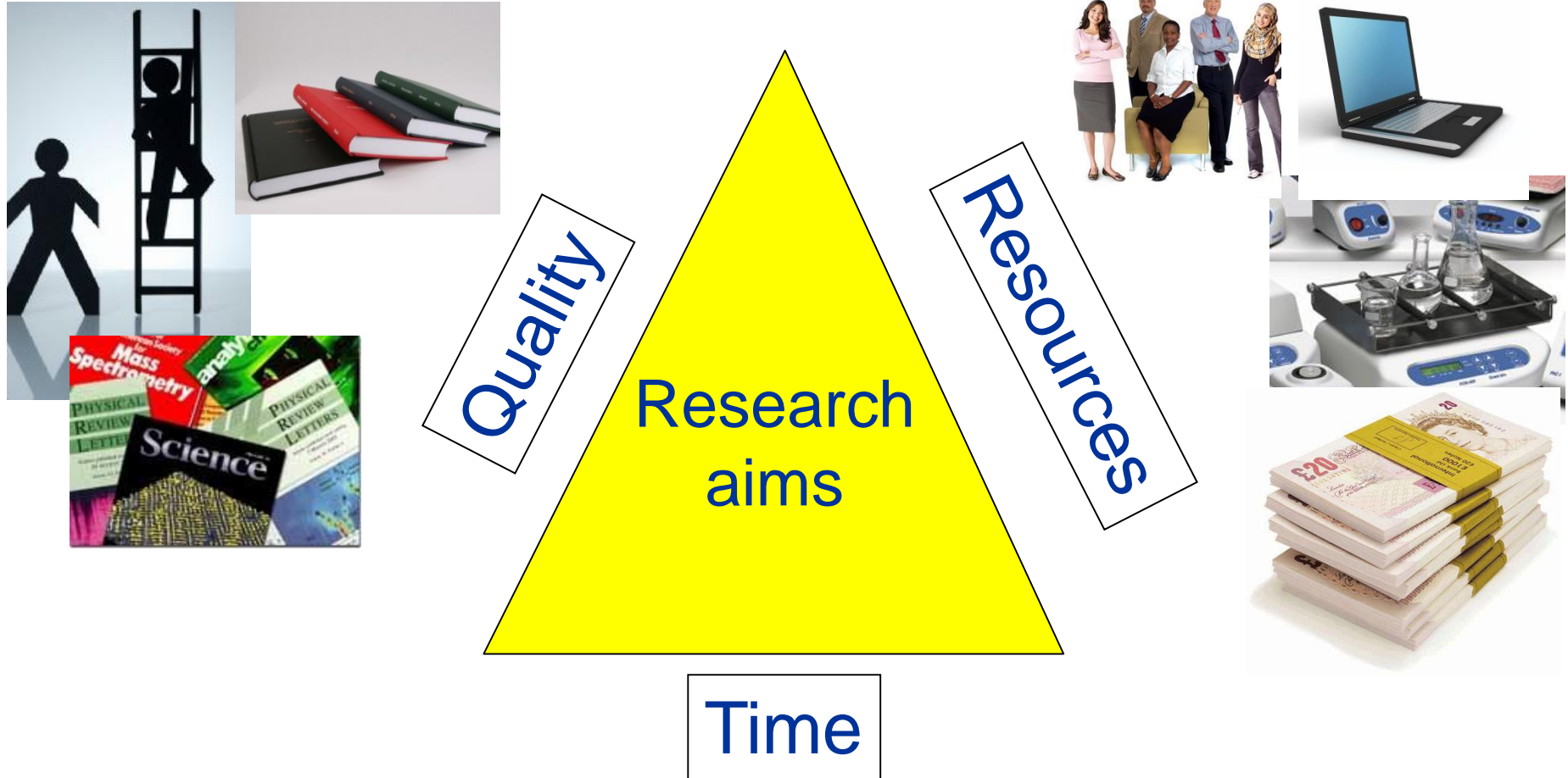
Drill- down - break project into smaller tasks and subtasks



Project timeline - Gantt chart

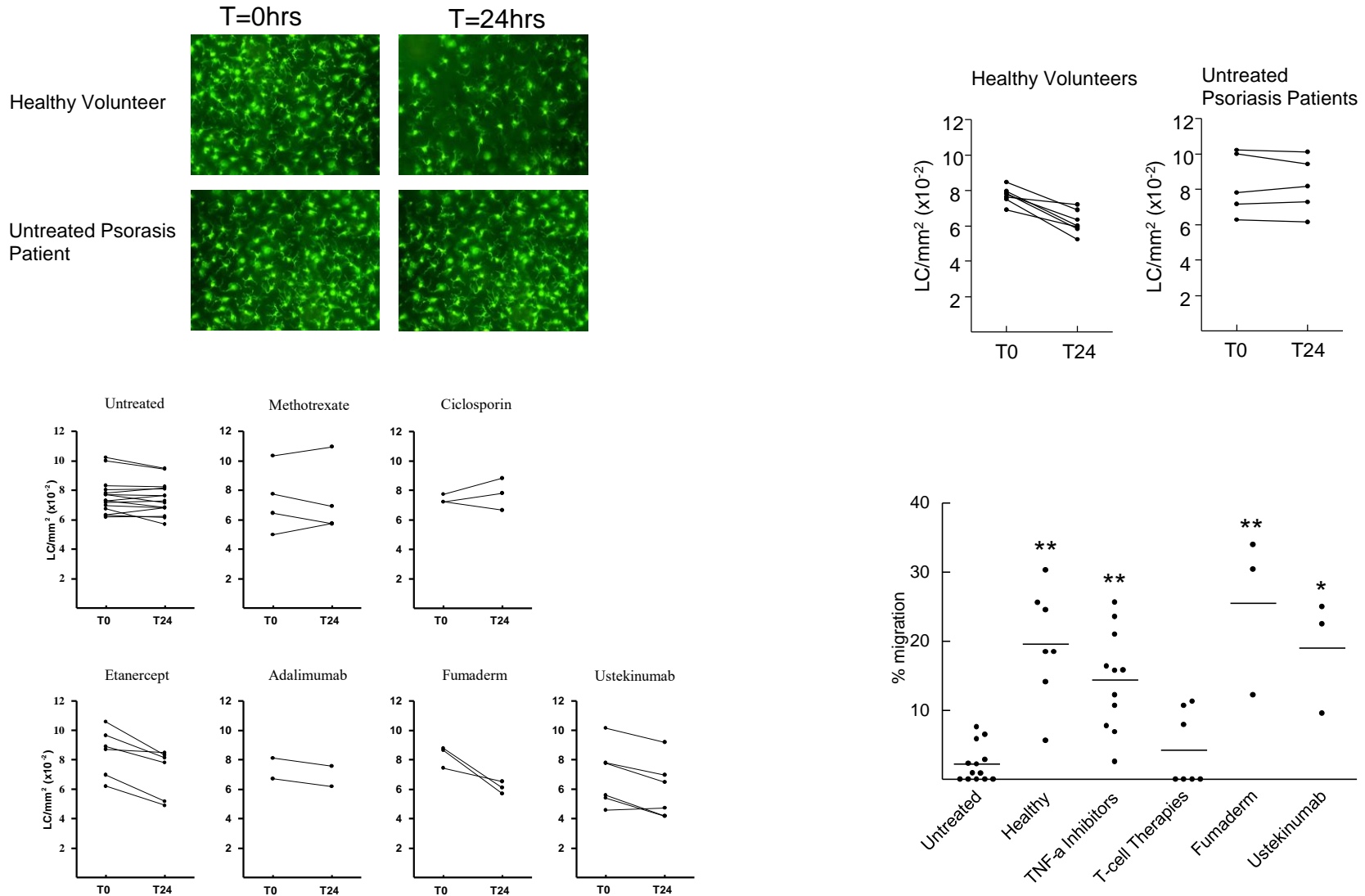


Triangle of Constraints



The Paper/results chapter: think in terms of "publishable units"

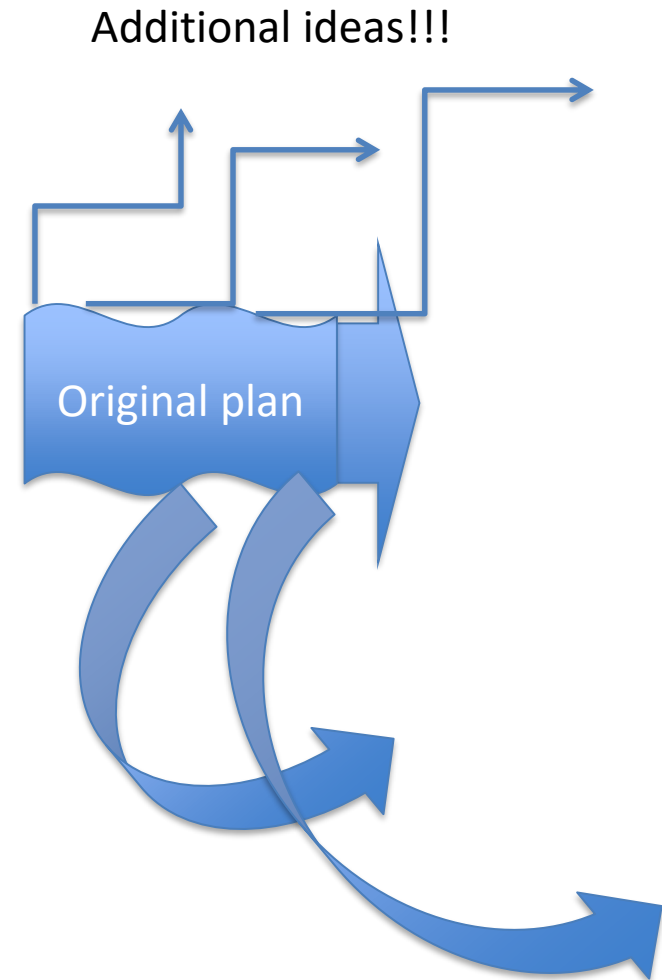
Treatment-related restoration of Langerhans cell migration in psoriasis.



Beware scope creep

If you need to change the scope, ensure that:

- Everybody is aware of the impact on the schedule and outcomes of the project



This is project management- at a distance/in a team?



Opportunity for greater success

BUT

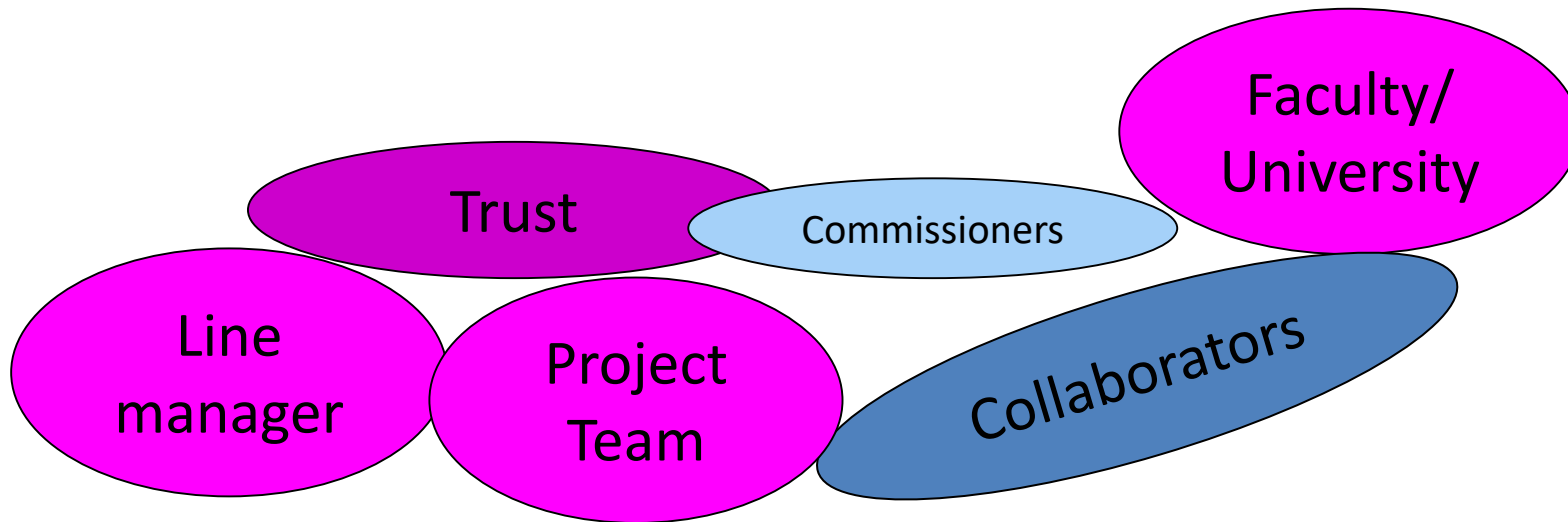
Greater risk of things going wrong!!!

Engage all stakeholders in the research

Who will be affected?

Who will be needed for support?

Who will be interested in the outcomes?



How do you manage the stakeholders expectations?

Think about reporting and communication - help each to appreciate the value of the project throughout

What do you need to know?

- What resources are you lacking to complete the project?
- How much responsibility does each supervisor have?
- What's their level of interest?
- How are you going to engage with each supervisor?
- Do you need to manage them?
- Are there potential conflicts between you and a supervisor? How do you resolve this?
- Are other collaborators involved and have you been involved in establishing guidelines with them eg author on a paper?

The reality of research

- Things go wrong!
- The direction of the research may change based on the results
- New data emerges from the research field



The project plan must anticipate all of this and more...

If you are struggling to develop a plan or behind schedule?

This can suggest:

- project objectives are unclear
 - You are unconvinced about the project
 - The project is too large
 - Unsure of responsibilities
 - Need additional support or experience
-
- *Respond to delays early*
 - *Consider implications if you adapt the plan*
 - *Can you increase resources and/or engage others*



How will you monitor progress?

- Your Workplace supervisor:
 - Should decide on an appropriate communication/monitoring system (type and frequency)
 - steering group meetings
 - regular project team meetings
 - weekly/monthly updates (paper or email)
- Your Academic Supervisor
 - Take responsibility for deadlines on University system
 - Adapt planning timelines from PhD and fix meetings
- Constant communication and transparency-particularly when things go wrong

Summary: research project planning

- Project planning
 - should be a tool not a straightjacket
 - should be dynamic with regular, fixed reviews of progress
 - It can help research team communication
 - It can check on common understanding
 - Between workplace supervisor and academic supervisor but also with line manager, team, collaborators, funders)
 - It helps to ensure research dissemination
 - Papers, presentations, Follow up funding

How do the roles of the two supervisors compare?

Workplace Supervisor

- Detailed knowledge of the project background
- Understanding of the constraints on the student
- Usually close by to give day-to-day advice

Academic Supervisor

- Understands the academic process for Doctoral degrees
- Has experience of supervising PhDs/MDs
- Understands the constraints
- Can find the University person to provide guidelines for the degree

How do the supervisors interact?

- Usually by skype or teleconference.
- One facetoface meeting each year is important/preferable
- Who sets the dates for meeting?
- What happens if project not going well-who identifies this?
Who do the supervisors get help from?
- Academic supervisor should take lead on reading drafts of thesis.

What to do if you need advice?

- Your Academic supervisor
 - Contact administrators re guidelines
 - Liaise with Programme Directors about project content
 - Contact MAHSE about deferrals
- Your Workplace supervisor
 - liaise with line manager about time constraints
 - Contact NSHCS on HSST
 - Get advice on funding from the Commissioners

The Examination Process-in brief

- Know when the deadline is for thesis submission
- Determine the appropriate format now and perhaps modify with time
- Nine months to go - suggest external examiner by discussing at supervisory meeting
- Which of your supervisors will read which parts of the thesis and in which order?
- Ensure care is taken to meet the University submission requirements
- Get advice from academic supervisors on the examination process at viva
- Celebrate!!!!

Research Integrity and Export Control Training

- Compulsory training courses for PGR students at University of Manchester

- Two **compulsory** training for **all** post-graduate students registered at University of Manchester
- Includes HSST trainees!
- Deadlines for completion of training will appear on eProg – please check and complete before the deadlines
- For cohort 4, deadline is **30th November 2019**

Research Integrity Training

- Online course available from Epigeum – external provider
- Access course via eProg
 - Click the unit code for instructions on how to register
 - Once registered you can complete the course
- Takes approximately 5 hours in total – significant time commitment needed, but course *is* useful
- You are required to complete, and pass, the quiz at the end of the course
- You may repeat the quiz as many times as necessary
- Download a copy of your certificate and send this to DClinSci@manchester.ac.uk

Export Control Training

- Online course run by University of Manchester
- Covers regulations governing University intellectual property and data, including potential export of information overseas (e.g. presentations, travelling with a laptop etc)
- Should take less than 1 hour to complete
- Complete course in full via eProg link
- Download certificate at the end of the course and keep for your own records – the University will automatically record completion
- Complete date course completed in eProg