## Learning to fail successfully: adapting to PhD life

Michael Torpey School of Mathematics & Statistics mct25@st-andrews.ac.uk

#### The trials of research

- Research is tricky.
- Sometimes you will fail:
  - Because the problem is too difficult.
  - Because the problem is impossible.
- Learn when to persevere and when to give up.
- Beware the sunken cost fallacy!
- Learn from failure.
- Hofstadter's Law:
  - "A task always takes longer than you think, even when you take into account Hofstadter's Law."

#### Self-esteem

- Research is difficult.
- You're surrounded by smart people.
- Imposter syndrome!
- These feelings are normal.
- Learn from failures and celebrate successes.
- You can talk to:
  - Your supervisor(s)
  - Other PhD students
  - University counsellors

# Organise your life!

- Keep track of everything you have to do:
  - To-do list of individual, bite-size tasks
  - Projects you're working on
  - Tasks for when your brain isn't working
  - wunderlist.com
- Use a calendar!
  - calendar.google.com
- Never try to remember anything.
- Treat your PhD like a job get into a routine.



Unfortunately, 99 are ranked #1."

### Get involved!

- Teach
  - Excellent opportunity to interact with students and build your CV
  - Tutorials, seminars, examples classes, lab sessions...
- Societies
  - Over 140 societies, from Real Ale to Pokémon
  - Interests, nationalities, religions, lifestyles, charities...
- Sports
  - Over 50 sports clubs, hall sport, recreational sport...
- Volunteering

# Support

- Academic:
  - Supervisor
  - CAPOD
- Personal:
  - Advice and Support Centre (ASC)
  - The Chaplain
  - Friends and family

### Good luck and enjoy!

#### HOW GRAD SCHOOL IS JUST LIKE KINDERGARTEN

ALL DAY NAPPING IS ACCEPTABLE THERE IS CONSTANT ADULT SUPERVISION





YOU GET COOKIES FOR LUNCH



THERE ARE NO GRADES (YOU JUST HAVE TO PLAY WELL WITH OTHERS)



MOST COMMON ACTIVITY: CUTTING AND PASTING



CRYING FOR YOUR MOMMY IS NORMAL



WWW. PHDCOMICS. COM

CHAM @ 2010