

UiT

THE ARCTIC
UNIVERSITY
OF NORWAY

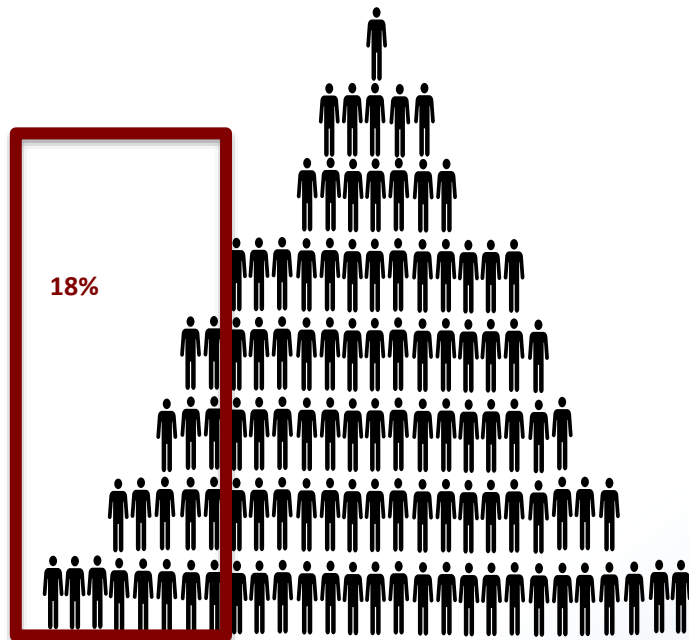
Ph.D. success recipe

Vice Dean Michaela Aschan
Faculty of Biosciences, Fisheries and
Economy

Michaela.Aschan@uit.no



1410 new PhDs in Norway in 2016

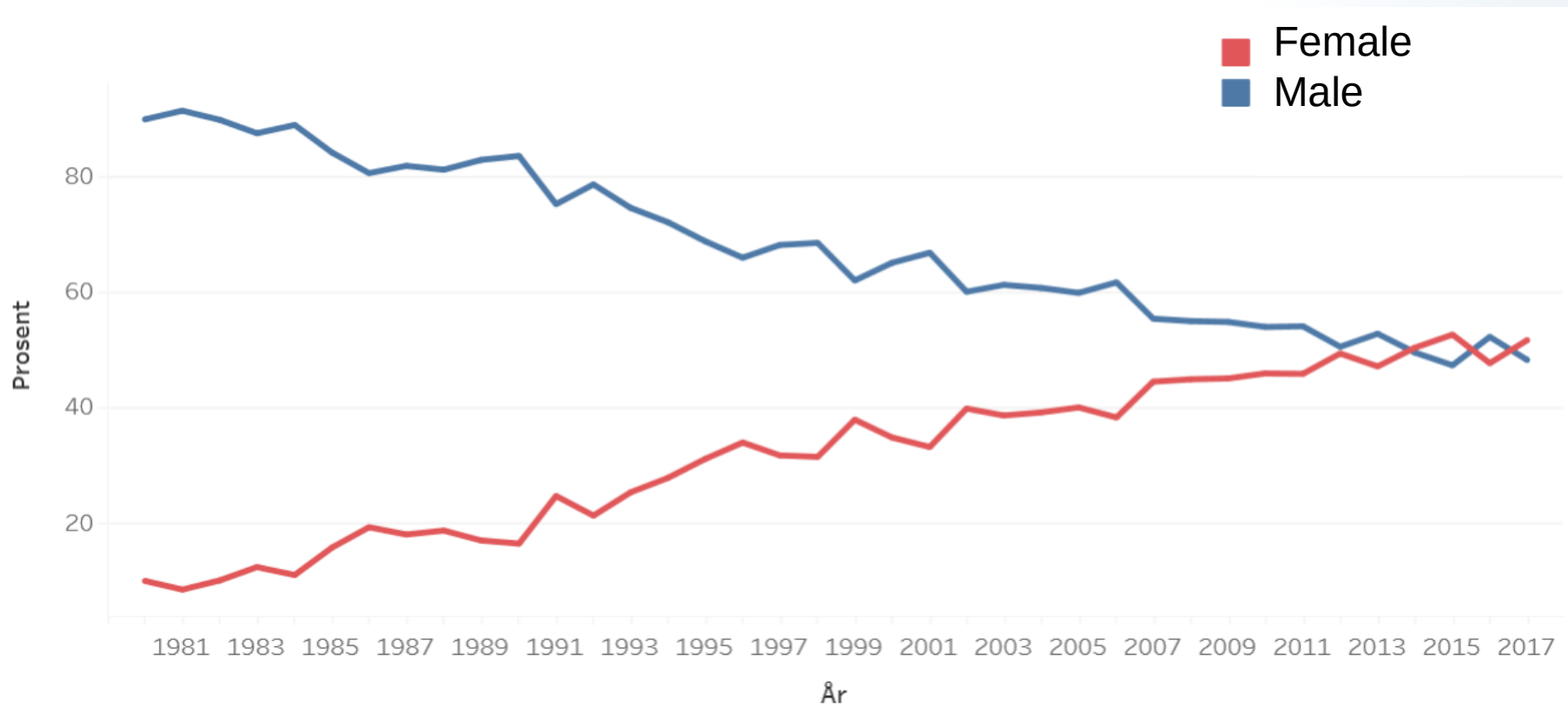


18 % get R&D jobs
(10 % at the universities)



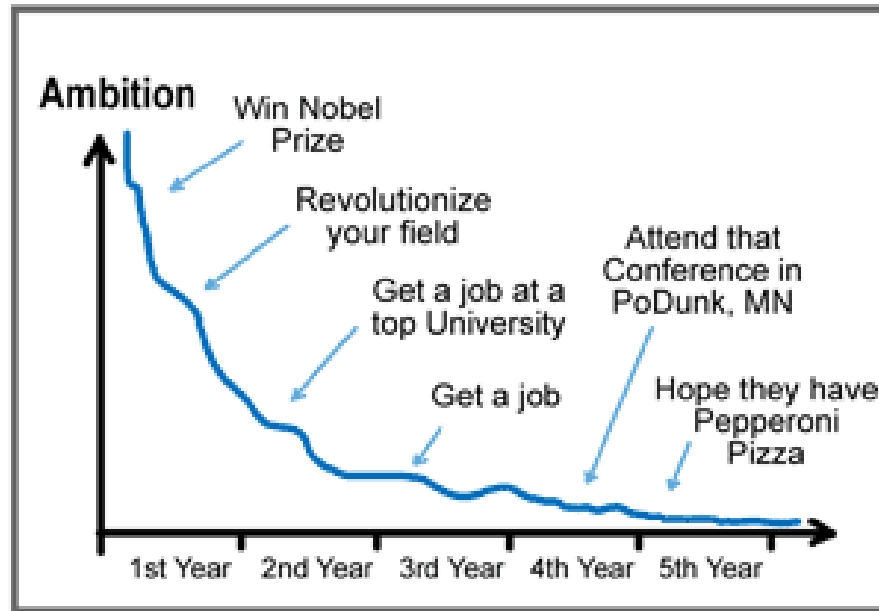
Elisabeth Aspaker in 2013

Dissertations in Norway



How to keep the PhD-student creative, effective and happy?

YOUR LIFE AMBITION - What Happened??

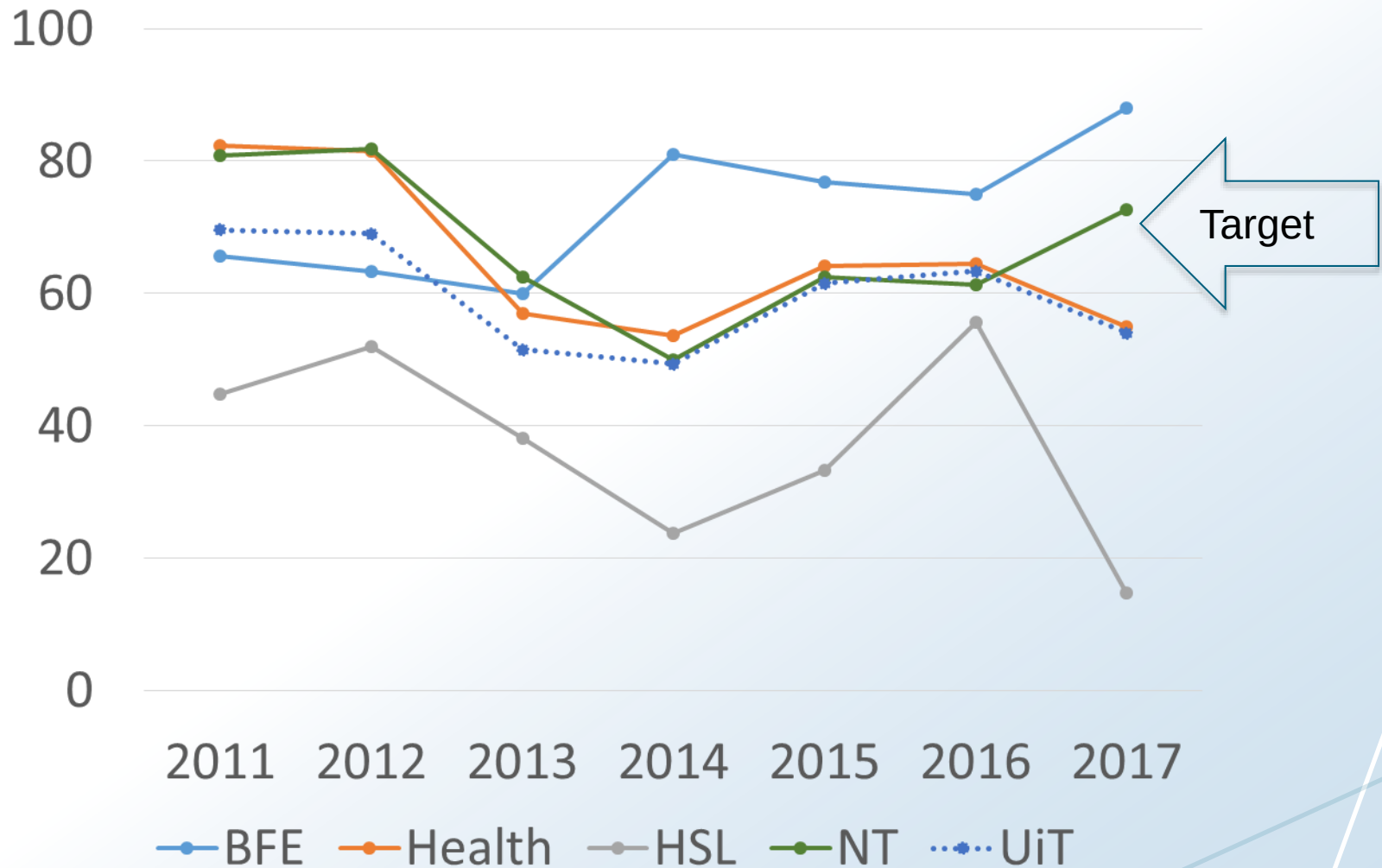


JORGE CHAM © 2008

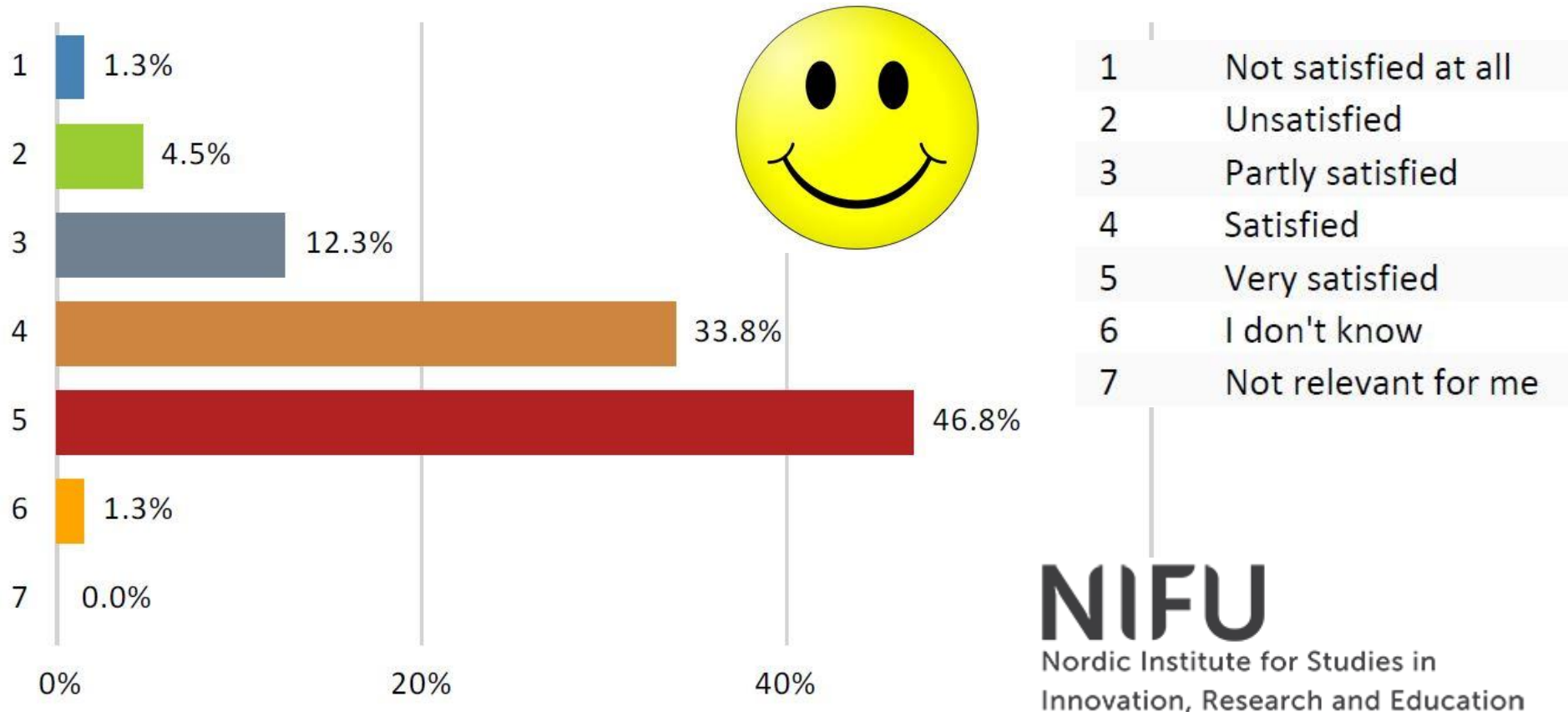
WWW.PHDCOMICS.COM

65% of 1856 PhD-students claim that the supervision is the main reason for managing to get the PhD (Lee et al. Nature 2007).

% PhD-students that graduate within 6 years



How satisfied are you with your supervisor(s)?



New TODOS survey in 2014

Percent Survey 8500 PhD students in March 2017

NIFU

Nordic Institute for Studies in
Innovation, Research and Education

NIFU / [Nyheter](#) / Hvordan står det til med norske doktorgradskandidater?

30 MAI 2017



HVORDAN STÅR DET TIL MED NORSKE DOKTORGRADSKANDIDATER?

Frokostseminar 13. juni: Hvordan er det å være doktorgradskandidat i Norge? NIFU lanserer rapport om ph.d.-kandidaters arbeidsvilkår, opplæringssituasjon og karriereplaner.



Tweet

Sted: NIFU, Tøyen (Økernveien 9)

Tid: Tirsdag 13. juni 2017, kl. 08.30-10.00

Report and english summary: <https://brage.bibsys.no/xmlui/handle/11250/2445865>

Satisfaction among the ones who achieved a PhD can be even higher if

- PhD-student is integrated in a research team
- Early agreement on co-authorship
- Better guiding and ability to plan the carrier
- Good ability to administrate, coordinate and lead
- Skills in information technology and computational skills

Step by step towards the PhD

- Hiring procedure and welcome meeting
- SVF-8600 Philosophy and Ethics of Science
- Detailed project description

The PhD-students best friend

The project description:

- Goals and objectives - SMART
- Materials and methods
- Papers and preliminary author list

Vancouver rules apply to UiT scientists - etikkom.no

1) Everyone who is listed as an author should have made a substantial direct academic contribution (i.e. intellectual responsibility and substantive work) to at least two of the four main components of a typical scientific project or paper:

- a) Conception or design.
- b) Data collection and processing.
- c) Analysis and interpretation of the data.
- d) Writing substantial sections of the paper (e.g. synthesizing findings in the literature review or the findings/results section).

2) Everyone who is listed as an author should have critically reviewed successive drafts of the paper and should approve the final version.

3) Everyone who is listed as author should be able to defend the paper as a whole (although not necessarily all the technical details).

Other contributors and funding institutions should be properly acknowledged

<https://www.britsoc.co.uk/publications/guidelines-reports/authorship-guidelines/>

Co-author declaration

Contributions:

	Paper I	Paper II	Paper III	Paper IV
Concept and idea	AA, BB, CC			
Study design and methods				
Data gathering and interpretation				
Manuscript preparation				

Initials and full names of authors

Names in bold: persons leading the manuscript writing

Names in () : minor contribution

http://uit.no/om/enhet/artikkel?p_document_id=383189&p_dimension_id=88163&men=28927

The PhD-students best friend

The project description:

- Goals and objectives - SMART
- Materials and methods
- Papers and preliminary author list
- Study plan
- Time plan: midway evaluation, stay abroad
- Budget
- University Pedagogics and teaching?
- Learning outcomes, career plan

Putting Your Degree to
Work: Practical Career
Strategies for Scientists
Peter Fiske 2008

**Job
Search/
Action Plan**

*Resumes, interviews
Networking, researching
options*

Focusing

*What organizations are a good fit?
What do I need to be competitive?
Who can connect me to these organizations?*

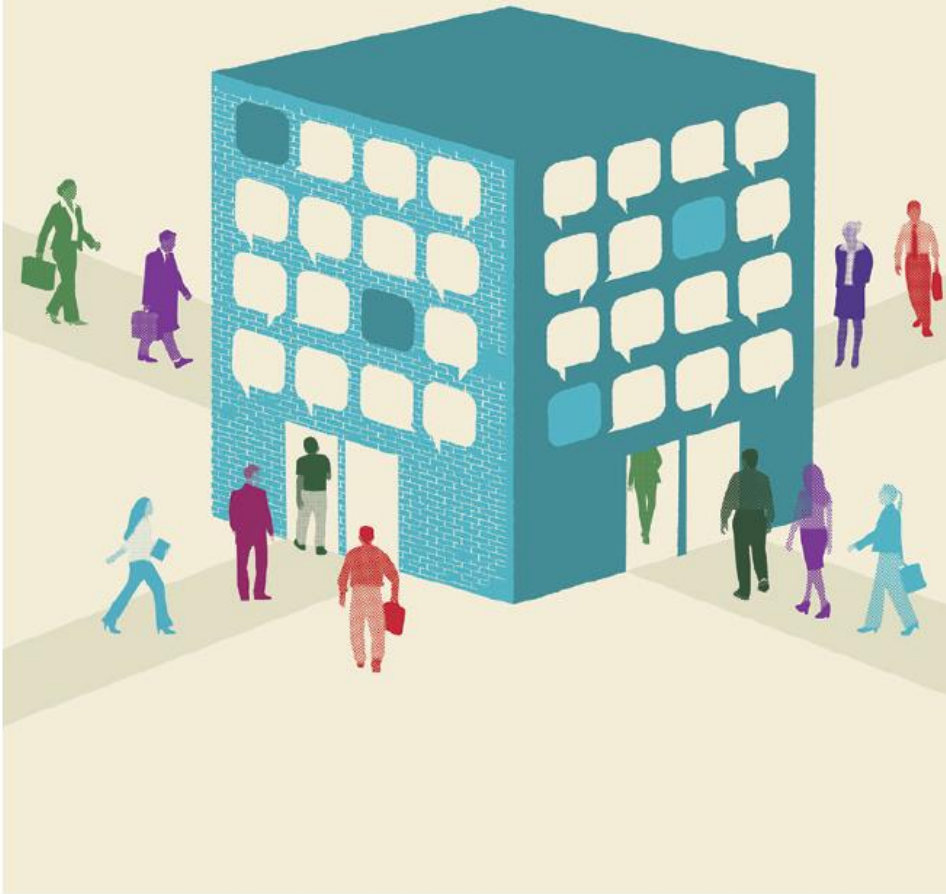
Exploration

*What's out there? What options do I have?
Would I prefer business, non-profit, or public-sector?
What jobs fit my skills? What careers and industries use them?*

Self-Assessment

*Who am I? What are my interests? What kind of skills do I have?
What are my work-related values? What is my work style?*

Nature 2015



Support networking

- You have many networks
- 1-3rd shell
- Maintain-share
- Use your contacts
- Linked in

COLUMN

Know your network

Seek and cultivate professional relationships to advance your career, says **Peter Fiske**.



High North Academy course portfolio:

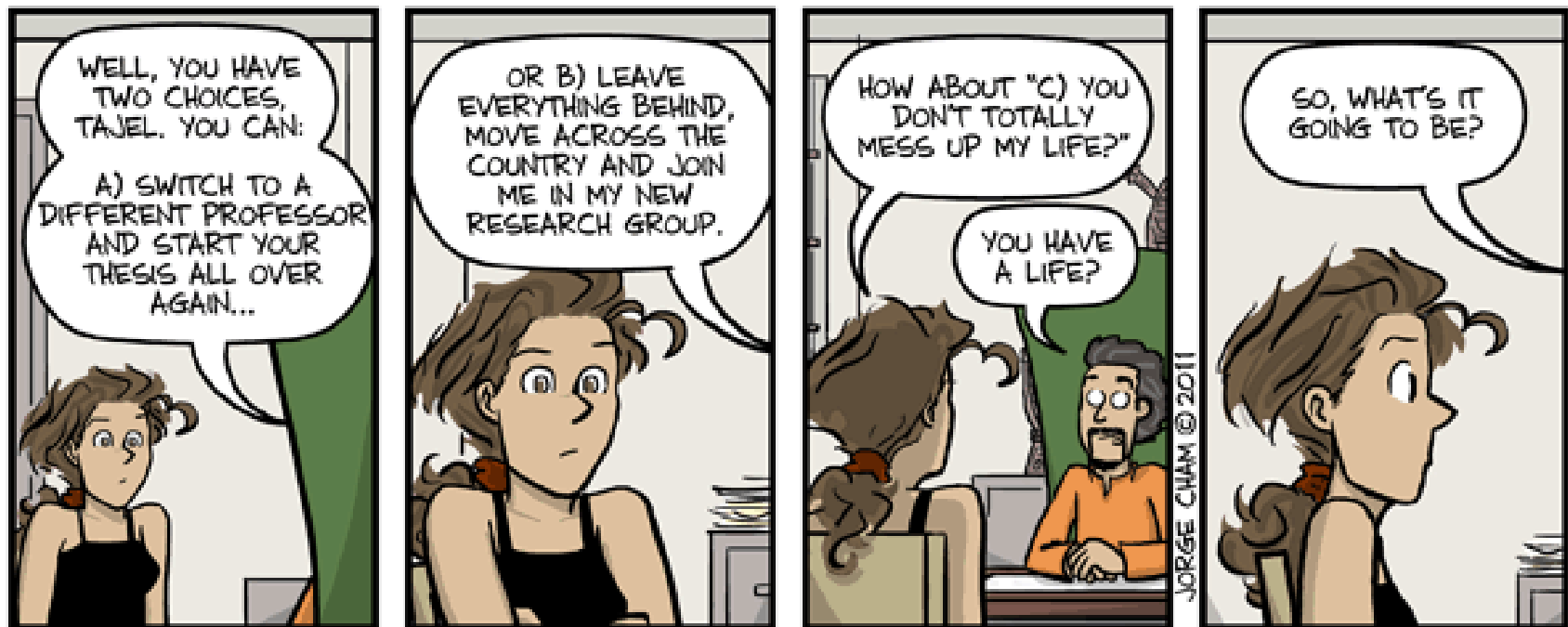
Course	1 st year	2 nd year	3 rd year	4 th year
GEN-8001 Take control of your PhD journey	x			
FSK-8002 Scientific writing	x	x		
BIO-8007 Coping with media		x	x	
BIO-8010 Visualizing your science		x	x	
FSK-8003 Leadership skills			x	x
FSK-8005 Funding your research			x	x
BED-8004 Academic entrepreneurship			x	x

Updated information is always available on www.highnorthacademy.com, follow the links to the course catalogue if you want to register

Step by step towards the PhD

- Hiring procedure and welcome meeting
- SVF-8600 Philosophy and Ethics of Science
- Detailed project description
- Information to PhD-students

Can I change supervisor?



DRAMA!

THIS MARKS THE END OF THE FIFTH PHD BOOK. LOOK FOR IT ON SALE IN MARCH 2012!



"ADVENTURES IN THESISLAND"

WWW.PHDCOMICS.COM

Promote Health

- Physical health e.g. [http: kraftsportssenter.no](http://kraftsportssenter.no)
- React on stress symptoms
- Seek advice from department leader, personell offiser at faculty or Vice Dean
- Search for help- in the administration (Marit Fagerheim) or Hemis (bedriftshelsetjenesten) HEMIS.no



HEMIS - BEDRIFTSHELSETJENESTE

Velkommen til vår nye hjemmeside. Siden er fortsatt under oppbygging, så nytt innhold vil bli lagt ut fortløpende i tiden fremover

BLI KUNDE

LES MER

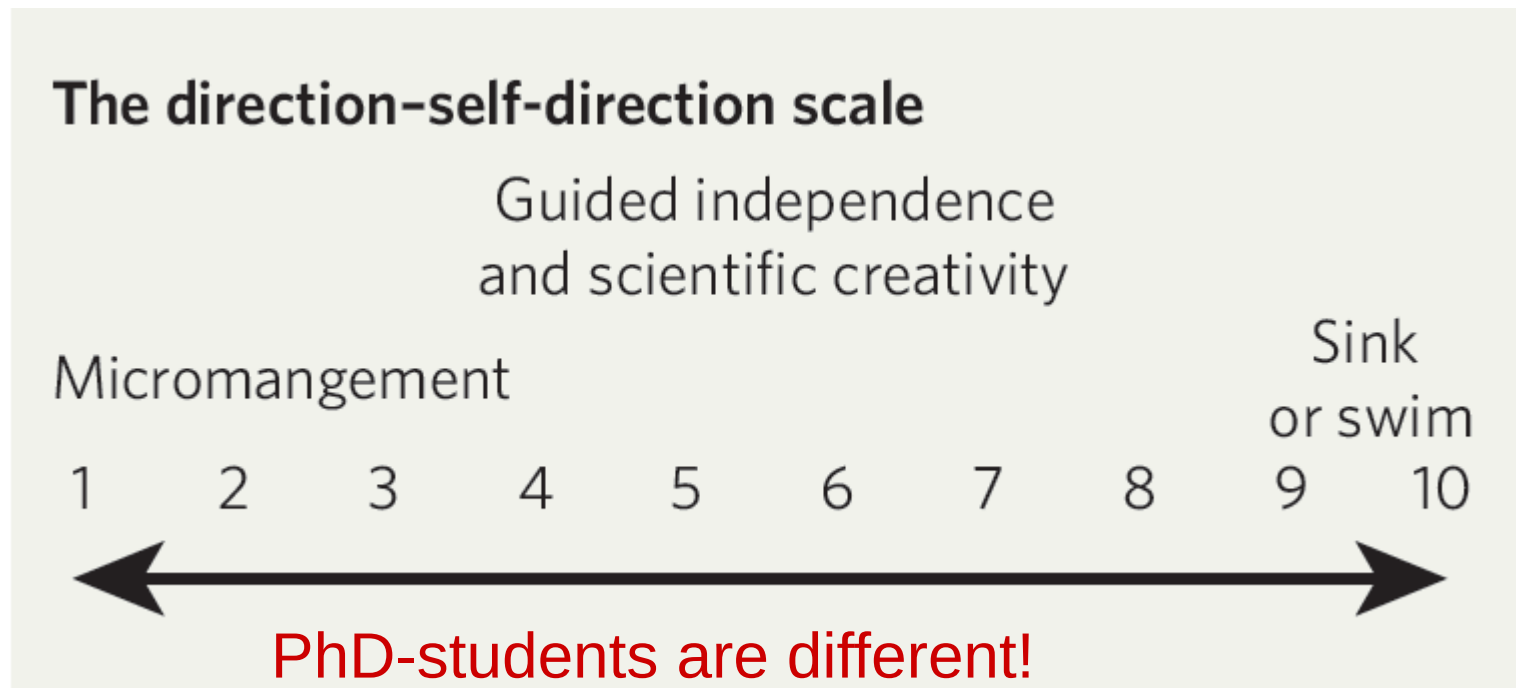
Step by step towards the PhD

- Hiring procedure and welcome meeting
- SVF-8600 Philosophy and Ethics of Science
- Detailed project description
- Information to PhD-students
- Cultural diversity (nationality and discipline)
- Follow up of reporting and midterm evaluation
- Completion and submission of thesis

Nature's guide for mentors

Having a good mentor early in your career can mean the difference between success and failure in any field. **Adrian Lee, Carina Dennis and Philip Campbell** look at what makes a good mentor.

Nature vol 447 14 June 2007



Kurs i forskningsveiledning, RESULT, UiT.

Thank you for your attention!

Find more about PhD education on our homepages:

Welcome to Faculty of Biosciences, Fisheries and Economics

[Frontpage](#) [Education](#) [Research](#) [Right now](#) [Employees at BFE-fak](#) [About the faculty](#)

Faculty of Biosciences, Fisheries and Economics / PhD education



PhD education

The Faculty of biosciences, fisheries and economics is a multidisciplinary faculty which offers researcher educations (PhD studies) within several disciplines. This includes economics and marketing at the [The School of Business and Economics \(HHT\)](#), several biology subjects at the [Institute for Arctic and marine biology](#), and fisheries and aquaculture at the [Norwegian college of fisheries science](#)



Admission

- [How to become a PhD student](#)
- [Requirements](#)
- [Application for admission](#)

Study phase

- [Instructional component](#)
- [Thesis](#)
- [Supervision](#)
- [PhD courses](#)
- [Leave of absence and right of study](#)
- [Reporting and follow-up](#)
- [Mid-term evaluation](#)

Completion phase

Arbeidet med doktorgrader er blitt snudd helt på hodet

PUBLISERT LØRDAG, 11. FEBRUAR 2017 - 9:09 - OPPDATERT ONSDAG, 22. FEBRUAR 2017 - 23:30

1



- Arbeidet med doktorgrader er blitt snudd på helt hodet, Rosevinger og Grepperud 11.02.2017
- Tvinger frem lydighetskultur, Ger Weckers Narvik 22.02.2017
- Avsporing av debatten om lydighet og doktorgrader, Grepperud og Rosevinger 10.03.2017

% PhD students that graduated within 6 years

År	UiT	Helsefa k	NT-fak	HSL- fak	BFE- fak	Jurfak
2011	68,9	82,4	80,9	44,8	65,6	50,0
2012	68,5	81,5	81,8	51,9	63,3	66,7
2013	51,8	56,9	62,5	38,1	60,0	16,7
2014	50,1	53,6	50,0	23,7	81,0	100,0
2015	61,5	64,2	62,5	33,3	76,9	60,0
2016	63,2	64,4	61,3	55,6	75,0	40,0
2017*	54,2	54,0	72,7	14,8	87,5	100,0

*Status per 1. oktober 2017; kilde: FS

Self-assessment: how good a mentor are you?

Activity/Strategy	Question/Task	Example	What could be done better
Appreciating individual differences	Give an example of an incident that illustrates your acknowledgement of individual difference		
Availability	Give an example of the strategy you use to be available to your students/staff		
Self-direction	What was your rating on the scale on page 793?		
Questioning	Describe how you last used active questioning to lead a mentee towards a solution		
Celebration	When did you last celebrate a student/staff member's achievement? How did you celebrate?		
Building a scientific community	Describe a deliberate strategy you use to build a scientific community in your group		
Building a social community	Describe a deliberate strategy you use to build your group as a social community		
Skill development	Describe steps you take to develop the critical, writing and presentation skills of you students/staff		
Networking	Describe one example of how		