

The Faculty of Mathematics and Natural Sciences

Department of Mathematics

Planning a career in Academia?

- Grants and possibilities

Elisabeth Seland
Research adviser
University of Oslo

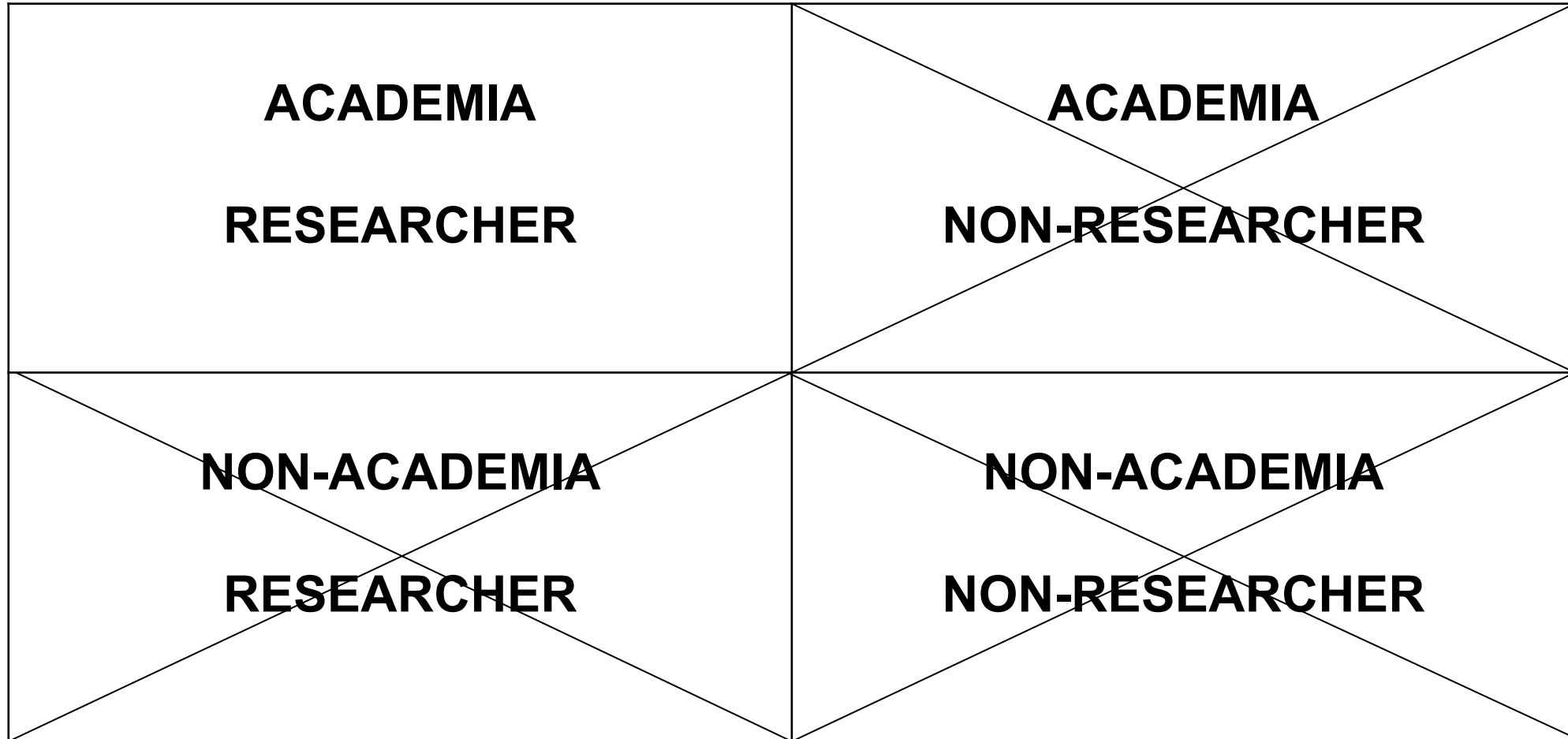
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UNIVERSITY
OF OSLO



Choose a box



Goal: I want to become a professor!

- filling the gaps in your CV
- If you want to become a professor, what do you need to know?
- what does a professor **KNOW** and **DO** in addition to the research?



Photo: Artfolio

CV example – RCN Researcher grant with international mobility

Max 4 pages - 1 (of 3)

- Personal information (including researcher IDs and personal webpage)
- Education
- Career breaks
- Positions
- Fellowships, awards and prizes
- Mobility (lasting more than 3 months)
- Project management expertise
- Supervision of graduate students and research fellows

CV example – RCN Researcher grant with international mobility

2 (of 3)

- Teaching activities
- Organisation of meetings
- Institutional responsibilities
 - Member of a committee/graduate student advisor etc.
- Commissions of trust in academic, public or private organisations
 - Scientific advisory board/review board/review panel member/editorial board/scientific evaluation etc
- Memberships of academies/scientific societies/networks
- Major collaborations

CV example – RCN Researcher grant with international mobility

3 (of 3)

- Publication list (up to five publications)
- Number of publications during the career
- Monographs
- Patents
- Examples of leadership
- Invited presentations to peer-review national or international conferences and/or international advanced schools.
- Experience from major research communication, dissemination or outreach activities.

Postdoc

the natural next step after a PhD if you want to continue in academia

- Applying for open positions – where to find them
- Applying for a grant to cover your own salary
- If possible – leave the country

Where to find advertisements for open positions as a postdoc

- Online bases
 - Nordic math jobs
 - Mathjobs
 - euraxess
- e-mail lists depending on area of research
 - eager-gen (algebraic geometry)
 - NA digest (numerical analysis)
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- Find out what university you want to work at and follow their web site

Applying for a grant – funding your own salary

Phd-age



RCN Researcher Project with international mobility 0 - 7 years after PhD



MSCA postdoctoral fellowship 0 - 8 years after PhD



RCN Researcher Project for Early Career Scientist 2 - 7 years after PhD



ERC starting grant 2-7 years after PhD



ERC consolidator grant 7- 12 years after PhD



If possible – leave the country

- If you are planning a career in academia, this will give you an advantage. All employers are looking for mature and independent researchers and working in different countries will help you establish these two key qualities.
- Phds that have stayed abroad during their PhD are more likely to end up in a position in academia than those who did not stay abroad during their PhD. (source: NIFU 2020:19)

And last, but not least

- Publish, publish, publish.....