



Opportunities and Challenges for Bologna post - 2010

Dr. Andreas Frijdal



The Changing Doctoral Landscape: a Revolution?

1. Massive growth
2. Diversification
3. Substitution
4. Professionalization
5. Competition



CGS 1970
UKCGE 1994
ACGS 1999
DDOGS 2001
CDE 2008



Bologna Policy Forum, Leuven 29 April 2009

...The Bologna reforms have helped put Europe's higher education on the global map...many programs are now taught in English, particularly at master and doctoral level. All these factors have helped European universities attract international students, teachers and researchers;...

Jan Figel's opening address



The New York Times

LETTER

Luring the Best Students

June 9, 2009

To the Editor of the New York Times

....

The world's intellectual talent plays an important role in strengthening the United States economy. For decades, American graduate schools have been the principal destination for international students seeking an advanced degree.To enhance American competitiveness, we must continue to attract and retain the top brainpower from around the globe.....

If we don't welcome the world's best and brightest students, they have a growing number of options elsewhere.

Debra W. Stewart

President

Council of Graduate Schools

Washington, June 4, 2009



Go Dutch, save money: ...

Why don't more British students head to the University of Maastricht, where they can take degrees in English and – best of all – pay lower fees than at home?

By Lucy Hodge

Thursday, 18 June 2009



Competition

- § strategy doctoral candidates
- § universities: mobility ? (no-endogamy)
- § vertical differentiation: elite institutions
- § capacity to change: new generation
- § testing : GRE-style (or SET)
- § national authorities: immigration policies and grants for foreign students



The New York Times

Ph.D.s: The New Unemployables

By Daniel S. Greenberg

Published: Monday, November 20, 1995

Can it be possible that the United States, the world's richest, most high-tech nation, is producing and importing too many scientists, engineers and physicians, thus creating a new class of super-educated, embittered unemployables?



A PhD Glut ?

§ 100,000 PhDs per year in Europe

§ non-traditional careers: a viable option

§ doctorate: new concept

§ career awareness/choices

§ North-South divide:

annual supply PhDs/PhD-employed (2005)

Germany: 1/20 UK: 1/16

Italy: 1/4 Greece: 1/2



Funding: unresolved

- § The Harris Report 1996
- § USA: Graduate Schools with large financial autonomy
- § Europe: ad hoc measures, no financial autonomy or governance

...concentration



Postdocs: where are you ?

§ USA:

43,000 PhDs & 65,000 Postdocs

§ Europe:

100,000 PhDs & 25,000 Postdocs

we need:

more postdoc opportunities

different tracks & support programmes



Salzburg Principles 2.0 follow-up

- § Entry and selection criteria
- § Quality & assessment criteria
- § Critical mass (see USA, ESRC ..)
- § Length & duration
- § New careers
- § Innovative governance structures
- § Funding
- §...



conclusion:

...prepare for a tough competition
and
...don't let yourselves be leapfrogged !