

Le doctorat, passeport pour l'international

Session 1

Le montage de projets de recherche internationaux



DR JUDITH KAMALSKI



DR ANDREW PLUME

Collaborations internationales

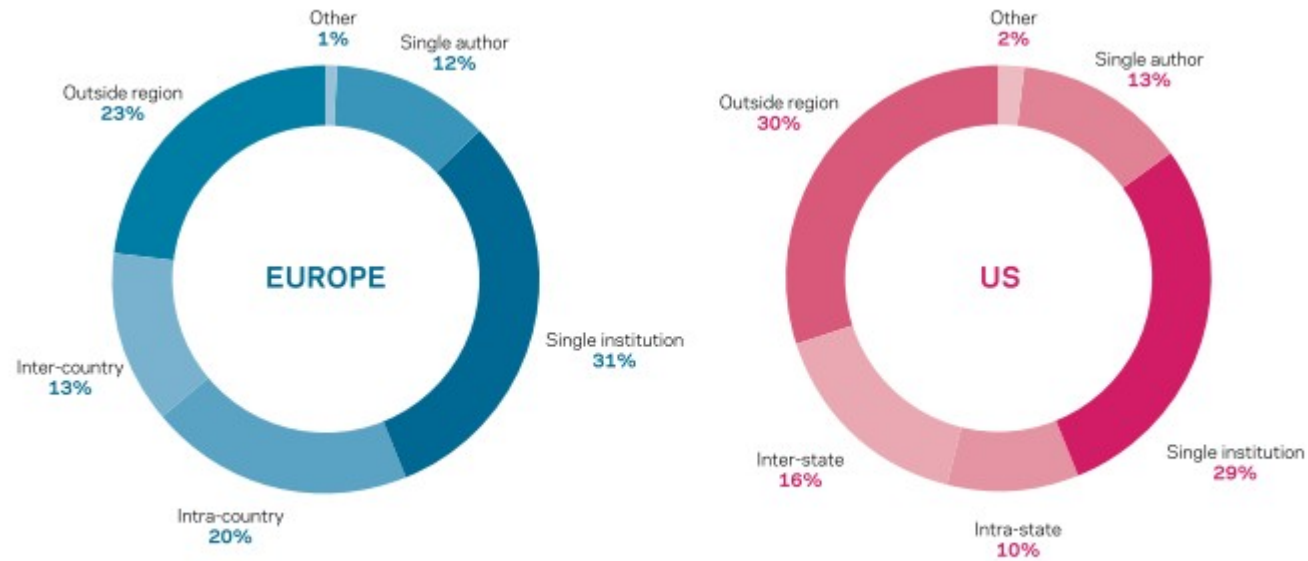


Figure 3 — European and US research collaboration patterns, 2011.

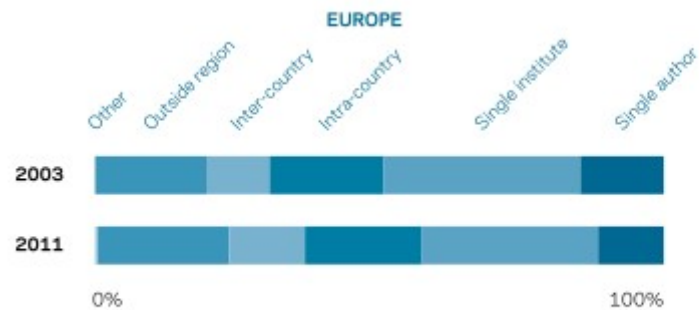


Figure 4 — European and US research collaboration pattern trends, 2003-11.

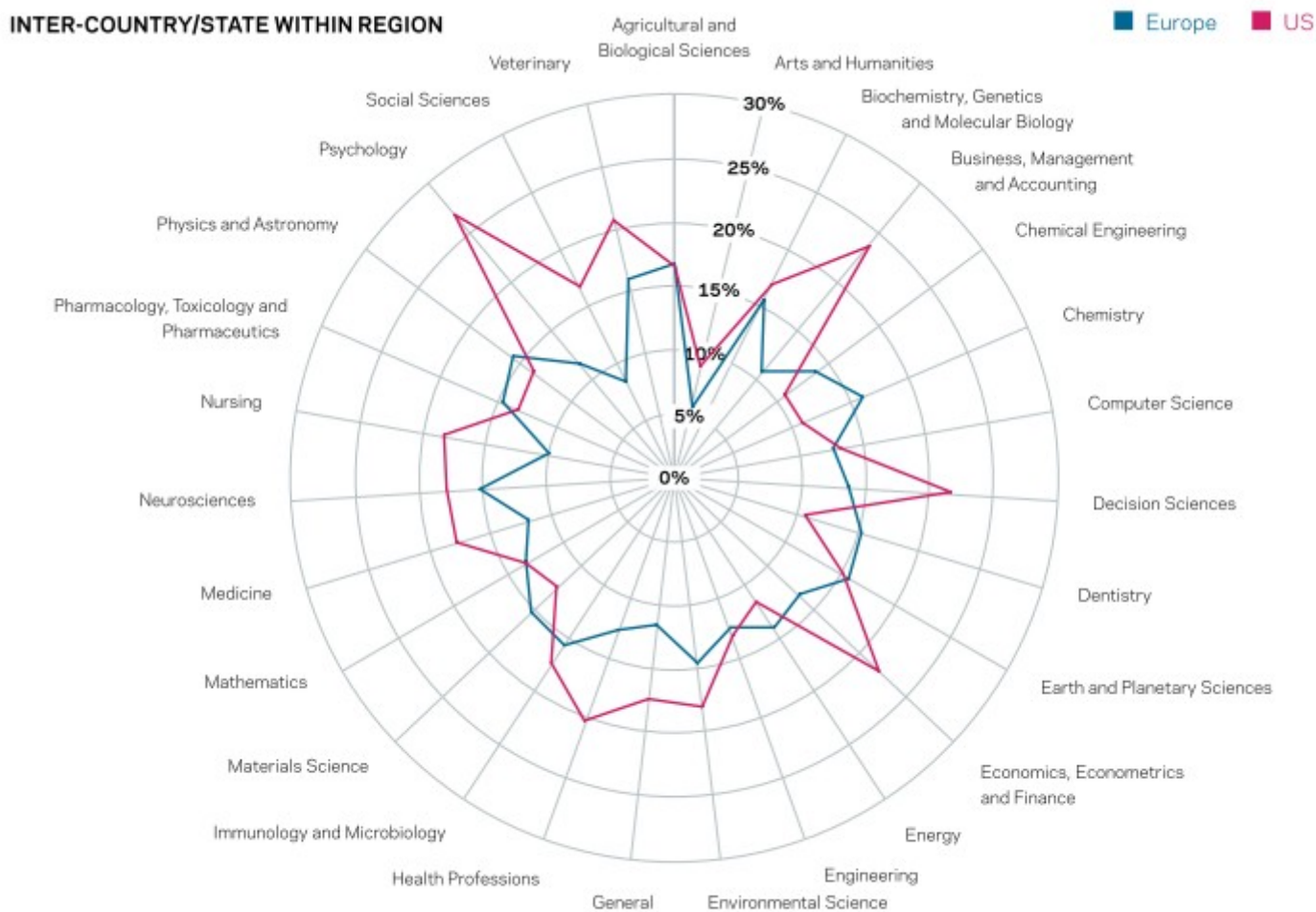


Figure 6 — European inter-country and US inter-state research collaboration patterns by subject field, 2011.

OUTSIDE REGION

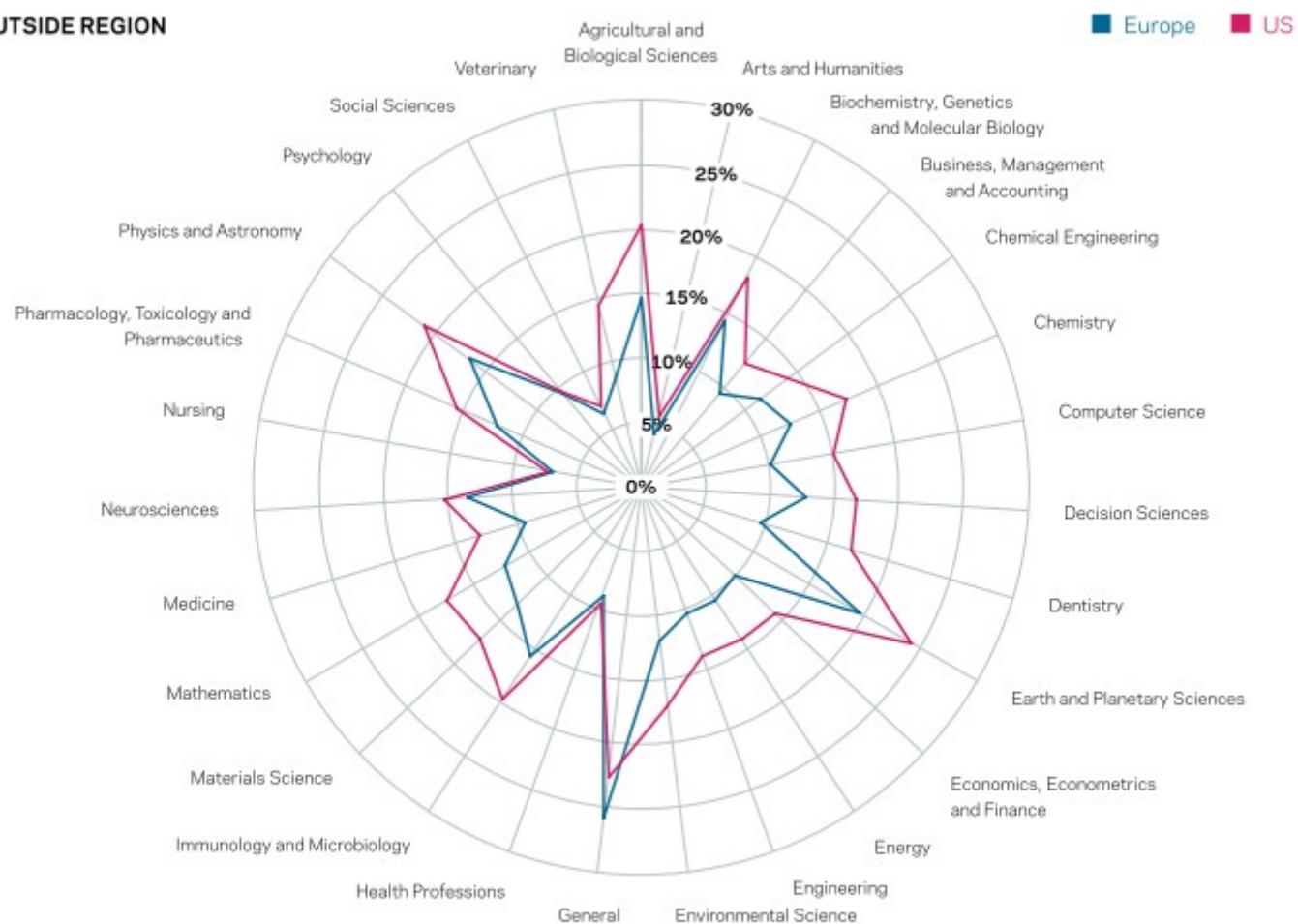


Figure 7 — European and US outside region research collaboration patterns by subject field, 2011.

Impact des collaborations



Figure 9 — European country (above) and US state (next page) field-weighted citation impact by collaboration type, 2007-2011. Country and state codes with full country and state names are listed in *Appendix A*.

Most prolific pairs of collaboration countries within Europe, 2007-2011

Rank	Country 1	Country 2	Publications 2007-2011	FWCI 2007-2011
1	UK	DEU	41,778	2.73
2	FRA	DEU	32,400	2.69
3	UK	FRA	31,180	2.83
4	DEU	CHE	26,217	2.45
5	ITA	UK	25,389	2.66
6	ITA	FRA	24,065	2.65
7	ITA	DEU	23,921	2.83
8	NLD	DEU	22,417	2.87
9	NLD	UK	21,821	3.11
10	UK	ESP	20,669	2.59
11	FRA	ESP	18,441	2.54
12	ESP	DEU	17,801	2.68
13	ITA	ESP	16,802	2.58
14	DEU	AUT	16,057	2.24
15	FRA	CHE	15,480	2.72
16	UK	CHE	15,014	3.21
17	FRA	BEL	13,748	2.64
18	NLD	FRA	13,163	3.11
19	SWE	UK	12,917	3.10
20	SWE	DEU	11,923	2.93

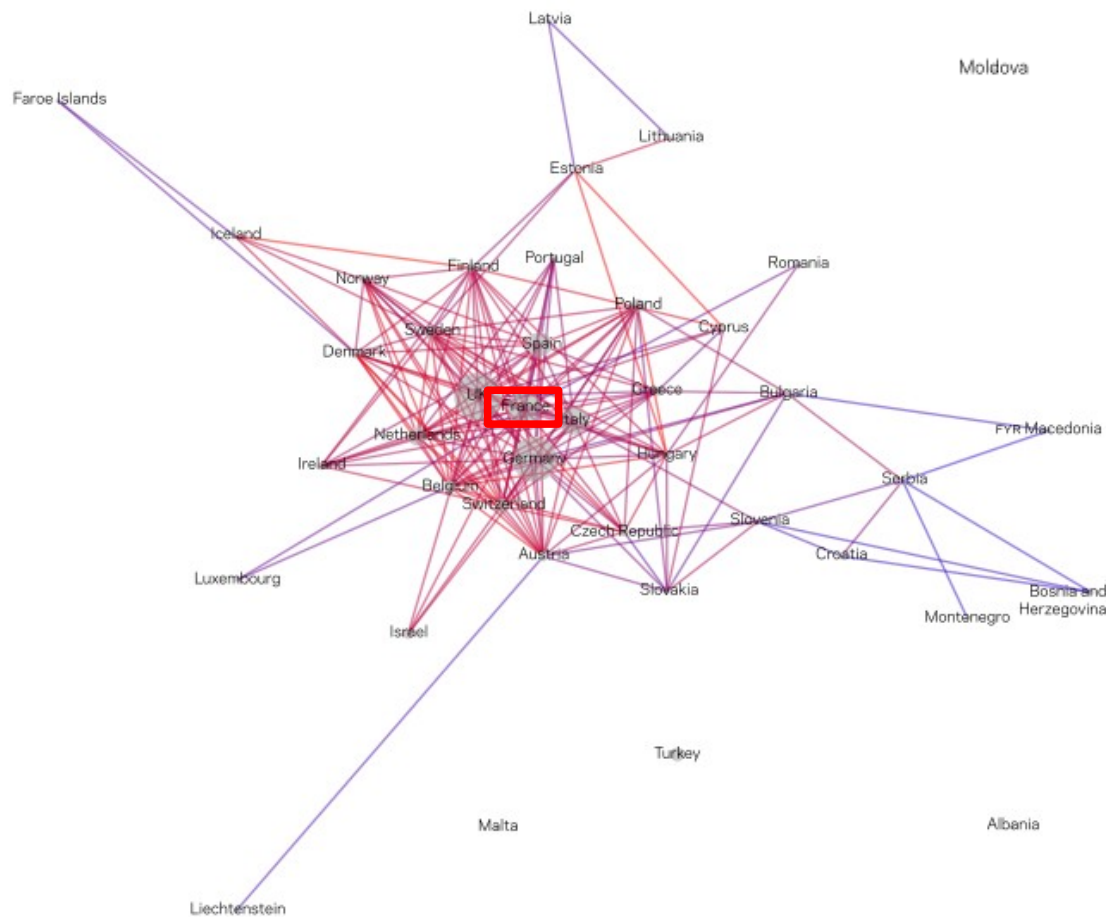


Figure 10 — Network map of research collaboration between European countries, 2007-2011.

Mobilité des chercheurs

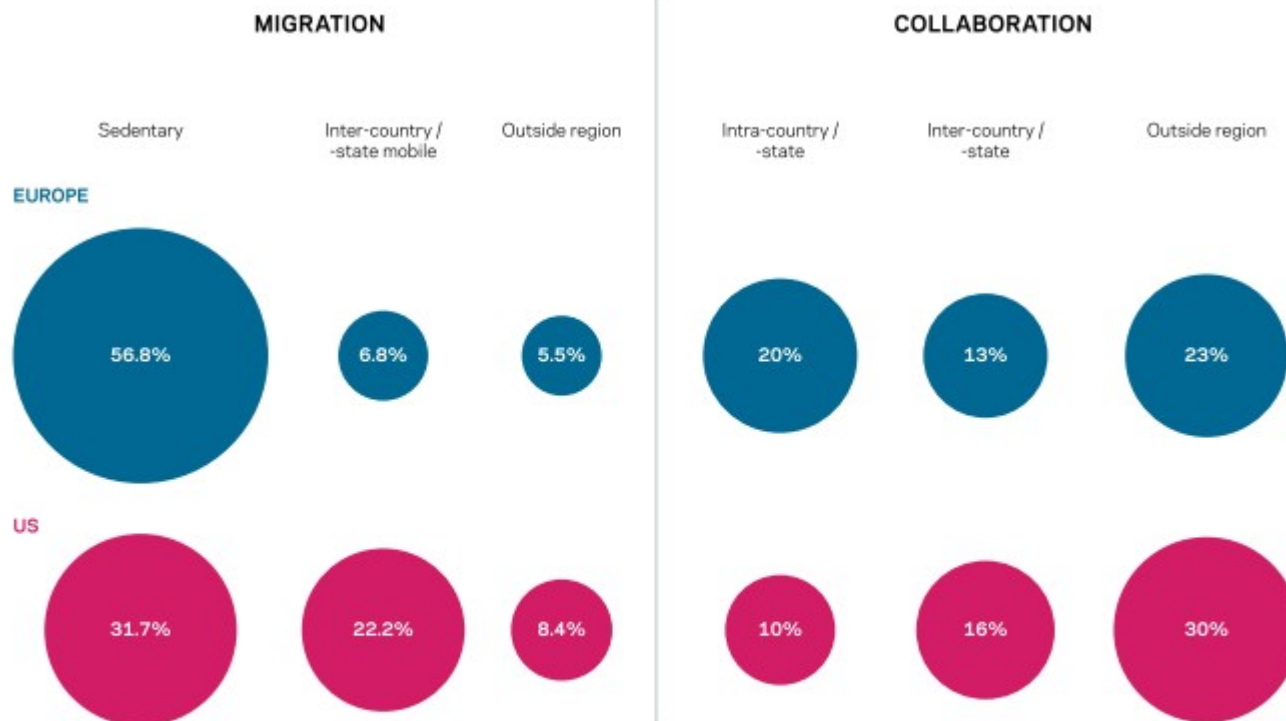


Figure 22 — (left) European and US researcher mobility classes, 1996-2011 and (right) collaboration patterns, 2007-2011.