## ㅋHzürich

## Women at ETH Zurich

«Leaky Pipeline» Less women are occupied at universities, the higher the considered position on the academic ladder.

ETH Zurich - Ratio of female students at 30\%<br>- Ratio of female long-term professors at 9\%

Leaky Pipeline ETH Zurich 2012


The Leaky Pipeline is more pronounced in degree programmes with a high number of female starting students. While, for example, the number of female students in biology is at $50 \%$, the number of professors remains comparable to computer sciences ( $12 \%$ female Bachelor students).


## equal!

## GIIzürich

## "Women have no interest in completing an academic career"...

## Yes, they do - but these are the facts:

## Women

have a smaller chance to receive tertiary support (e.g. grants) ${ }^{1,2}$
are given less laboratory space ${ }^{3}$
are less frequently nominated for decision-making bodies and awards ${ }^{3}$
receive limited support from superiors, especially if they have children ${ }^{4}$
publish less frequently than men, but their scientific impact per publication is higher ${ }^{5}$
work on interdisciplinary subjects more often than men, but the reputation of these subjects is lower ${ }^{6}$
«Our study strongly suggests that peer reviewers cannot judge scientific merit independent of gender.»


Application files of women are judged less highly by both men and women with respect to comparably qualified male applicants. ${ }^{7}$

Evaluations and recommendations for women focus less on career-relevant aspects than those of men. ${ }^{8}$

Appointment procedures fail to be aware of qualified candidates. ${ }^{9,10}$

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## "Women avoid competition"

## ...but can still be motivated to participate

Women quotas increase the probability that a woman wins in a competition.
They also motivate women to participate in competition with more self-confidence. 1,2
Competition allows especially capable women to succeed.
Group performance increases with a higher number of participating women. More women in science, business and politics make the respective institution's decisions more intelligent. ${ }^{3}$

[^0]
## The Overconfidence Phenomenon

Men tend to overestimate their own abilities, while women tend to the opposite. ${ }^{1}$


1 Barber, B.M. \& Odean, T. (2001). Boys will be boys: Gender, overconfidence, and common stock investment The Quarterly Journal of Economics, 116(1), 261-292.



## GIzürich

## "Female leadership is not tough enough"

## ...but is that what leadership is about?

Assertiveness, self-marketing, self-confidence, speed and a good social network - according to people in leadership positions, these traits are necessary for good leadership ability.


This is the ideal set of traits according to existing leaders.

These leadership traits are attributed to women.


Men are being connected to these leadership traits.

Tag cloud: critical success factors for leadership


Tag cloud: strengths of women in leadership positions

## Kommunikation Altoritia

Entscheidungsfreudefokussiort Neezzwerkent: Sellostmarkēting =Dürchisetzuingsstärke Hate Sellsthewisstsein $=5$ - widituss weniger emotional Machermentalität

[^1]$\rightarrow$ Which traits do you expect of superiors?

[^2]
[^0]:    Balafoutas, L. \& Sutter, M. (2012). Affirmative action policies promote women and do not harm efficiency in the laboratory. Science 335, 579-582.
    Niederle, M. \& Vesterlund, L. (2010). Explaining the gender gap in math test scores: Wolley, A.W Competition. Journal of Economic Perspectives, 24(2), 129-144. collective Intelligence factor in the performance of human groups. Science, 330, 686-688,

[^1]:    Tag cloud: strengths of men in leadership positions

[^2]:    Kaiser, S., Hochfeld, K., Gertje, E. \& Schraudner, M. (2012). Unternehmenskulturen
    verändern - Karrierebrüche vermeiden. Stuttgart: Frauenhofer Verlag

