Global results and Africa

Questions

WORK BALANCE WORK/FAMILY-LIFE

Do you have a university or equivalent degree?

Percentages of answers for Women/Men in the World and in Africa.

In Africa, more people with a university degree responded than in the rest of the World, particularly women.

Distribution of Women/Men in various scientific areas in various parts of the World

Distribution of Women/Men in various scientific areas in various parts of Africa

Physics was less represented in Africa than in the World, for both men and women. The opposite is true for Mathematics and Computer Science.

For students who obtained their secondary school degree in Africa, where they did obtain their first university degrees?

Percentages of answers for Women/Men in Africa.

In most cases, these students stayed in Africa, and men slightly more than women. The second most popular destination was Western Europe.

For students who obtained their secondary school degree in Africa, where they did obtain their doctoral degree?

Percentages of answers for Women/Men in Africa.

These students left Africa more often for doctoral studies, and men slightly more than women. The next most popular destinations were Western and Northern Europe.

Who most encouraged you in your studies

Percentages of answers for Women/Men in the World and in Africa.

Your own determination, will power, and hard work.

It plays a key role everywhere, especially for women.

Parents.

Parents play a huge role in encouraging women in Africa.

Note that in the two previous questions the percentages of positive answers are above 50%.

Teachers.

Teachers are less supportive of women in Africa.

Note that for all the following items the percentages are below 20%.

Spouse or Partner.

Spouses or partners are more supportive to women in Africa than in the World.

Other family members.

Their support is higher for women, especially in Africa.

Other students.

There are significant differences between the World and Africa that are greater than the difference between men and women.

Neighbourhood, community or friends.

There are significant differences between the World and Africa which are more important than the difference between men and women.

How do you rate your overall experience in your doctoral program?

Percentages of answers for Women/Men in the World and in Africa.

Program curriculum.

Satisfaction is very high in Africa, with no difference between women and men.

Relationship with advisor or supervisor.

Satisfaction is lower for women everywhere. Satisfaction is very high in Africa.

Percentages of Women/Men who pursue doctoral degree in Physics, Mathematics, Computer Science and other fields, including Biology, Chemistry, Social Sciences in the World

Percentages of Women/Men who pursue doctoral degree in Physics, Mathematics, Computer Science and other fields, including Biology, Chemistry, Social Sciences in Africa

Among the respondents, Physics and Computer Science were much less represented in Africa than in the World, unlike Mathematics.

Agreement with the statements about doctoral experience

Percentages of answers for Women/Men in the World and in Africa.

My program treated everyone fairly.

Men's answers are less positive in Africa than in the World.

Other students were respectful of everyone.

This is less true in Africa, especially for women.

They had support from advisor or supervisor.

This is more true in Africa, especially for men.

Was your primary advisor/supervisor? (Women/Men)

Percentages of answers for Women/Men in the World and in Africa.

Female advisors are in the minority, for both women and men. Women have significantly more female advisors than men, but the difference between women and men is smaller in Africa.

During your doctoral studies, did you have enough of the following to conduct or present your research?

Percentages of answers for Women/Men in the World and in Africa.

Funding.

The satisfaction is lower in Africa, especially for men.

Access to equipment.

The satisfaction rate is lower in Africa, particularly for men.

Clerical support.

The satisfaction rate is lower in Africa, particularly for men.
The satisfaction rate is lower in Africa.

Travel money.

The satisfaction is lower in Africa, especially for men.

What were the primary sources of financial support during your doctoral studies? (Multiple choice)

Fellowship, scholarship, or bursary.

The percentages are lower in Africa and higher for women than for men.

Teaching or research assistantship.

The percentage is lower in Africa and higher for men than for women.

Government income.

The percentage is much less important for women in Africa.

Support from parents or family

The percentages are higher for men than for women globally. Generally the percentages are higher in Africa.

Personal savings

Much more frequent in Africa.

Support from spouse or partner

The support of the spouse is particularly meaningful for women in Africa.

From loans or debit

It is higher in Africa than in the World, especially for women.

Have there been any significant interruptions in your doctoral studies?

The situation is always worse for women, but it is globally more difficult in Africa.

What were the main reasons for the interruptions?

Pregnancy or child rearing.

Only women are concerned in Africa.

Other family obligations or change in family situation.

The percentages are higher for women, especially in Africa.

Change of residence due to partner.

In Africa, only women are concerned.

Harassment or discrimination.

In Africa, only women are concerned, but the percentage is lower than in the World.

Change of academic field.

In Africa, only women are concerned.

Difficulty with university or supervisor/advisor.

The percentages are higher in Africa, both for women and for men.

Financial constraints

The percentages are more important for men and in Africa.