Results on All Sciences, Mathematics, Applied Mathematics Questions

WORK BALANCE WORK/FAMILY-LIFE

Who most encouraged you in your studies? (Multiple choice)

Percentages of answers for Women/Men in All Sciences/Math/Applied Math.

Your own determination, will power, and hard work.
The percentage is very high, especially for women.

Parents.
Their support is extremely high for women.

Teachers, professors or mentors.
No difference with respect to teachers, professors or mentors for men and women in All Sciences and Math but in Applied Math teachers support more men than women. Generally, their support is more important in Math than in All Sciences.

Note that for all the following 4 items the percentages are below 20%.

Spouse or Partner.
Spouses or partners are more supportive to women, especially in All Sciences but also in Math and Applied Math.

Other family members.
Their support is higher for women.

Other students.
Their support is higher for men, especially in Math.

Neighbourhood, community or friends.
Women receive less support than men. In Mathematics and Applied Mathematics, the difference is bigger than in All Sciences.

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

Percentages of answers for Women/Men in All Sciences/Math/Applied Math.

Program curriculum.
Similar and positive answers for women and men, especially in Math. The highest approval is for men from Applied Math. Similar result for quality of program.

Relationship with advisor or supervisor.
Less positive for women than for men. More positive in Mathematics than in All Sciences.

Agreement with the statements about doctoral experience

Percentages of answers for Women/Men in All Sciences/Math/Applied Math.

My program treated everyone fairly.
Less positive answers for women than for men. However, the answers of women are slightly more positive in Mathematics than in All Sciences.

Other students were respectful of everyone.
Less positive answers for women than for men.

They had support from advisor or supervisor.
Satisfaction is very high, with no difference between women and men.

Was your primary advisor/supervisor? (Women/Men)
Percentages of answers for Women/Men in All Sciences/Math/Applied Math.

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

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

Percentages of answers for Women/Men in All Sciences/Math/Applied Math.

Funding.
Men are slightly more satisfied. It is basically the same for similar questions. A vast majority is satisfied slightly but the percentage for women satisfied is smaller. Not much difference between Math and All Sciences.

Support for working parent.
Women are significantly less satisfied but the difference between men and women is smaller in Math.

What were the primary sources of financial support during your doctoral studies?

Percentages of answers for Women/Men in All Sciences/Math/Applied Math.

Fellowship, scholarship, or bursary.
In Math, the percentage of women answering 'yes' is smaller.

Teaching or research assistantship.
In Math, the percentage of women answering 'yes' is higher.

Government income.
The percentage is more important for men.

Support from parents or family.
The percentage is more important for men.

Personal savings.
The percentage is more important for women.

Support from spouse or partner.
The percentage is more important for women.

From loans or debit cards.
Less frequent in Math, especially for women.

Have there been any significant interruption in your doctoral studies?

Percentages of answers for Women/Men in All Sciences/Math/Applied Math.

The percentage of women answering 'yes' is higher.

Main reasons for the interruption (Multiple choice)

Percentages of answers for Women/Men in All Sciences/Math/Applied Math for those with interruption.

Pregnancy or child rearing.
Basically, only women are concerned.

Other family obligations or change in family situation:

<table>
<thead>
<tr>
<th>Gender</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Male</td>
<td>2%</td>
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<tr>
<td>Female</td>
<td>18%</td>
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</tbody>
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Basically, only women are concerned.

Change of residence due to partner:

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<th>Gender</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Male</td>
<td>2%</td>
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<tr>
<td>Female</td>
<td>5%</td>
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</table>

Basically, only women are concerned.

Harassment or discrimination:

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<th>Percentage</th>
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<tr>
<td>Male</td>
<td>2%</td>
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<tr>
<td>Female</td>
<td>7%</td>
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Mostly women suffer from it, less in math or applied math.

Military service:

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<th>Gender</th>
<th>Percentage</th>
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<tr>
<td>Male</td>
<td>18%</td>
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<tr>
<td>Female</td>
<td>5%</td>
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Basically, only men are concerned.

Change of academic field:

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<th>Percentage</th>
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<tr>
<td>Male</td>
<td>6%</td>
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<tr>
<td>Female</td>
<td>3%</td>
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It is mainly men who are concerned.

Difficulty with university or supervisor:

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<th>Gender</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Male</td>
<td>25%</td>
</tr>
<tr>
<td>Female</td>
<td>20%</td>
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It is mainly men who are concerned.

Financial constraints:

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<th>Percentage</th>
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<tbody>
<tr>
<td>Male</td>
<td>10%</td>
</tr>
<tr>
<td>Female</td>
<td>15%</td>
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It is mainly men who are concerned.