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Institute of Chemistry - UNESP

Women in Applied and Computational Mathematics Committee



Women's obstacles in STEM

Childhood

- Toys and games for boys vs girls
- Representation of women in textbooks

Adolescence

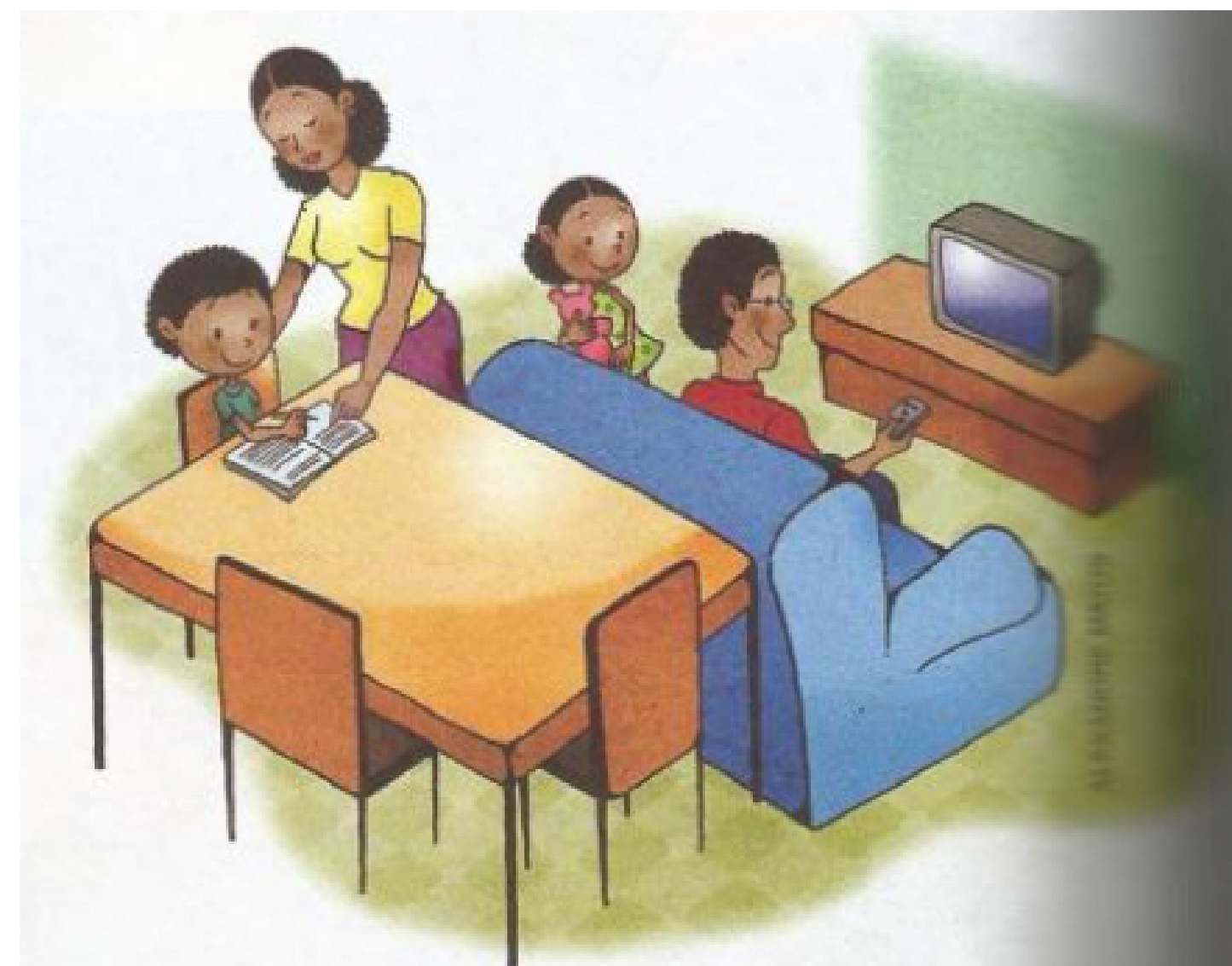
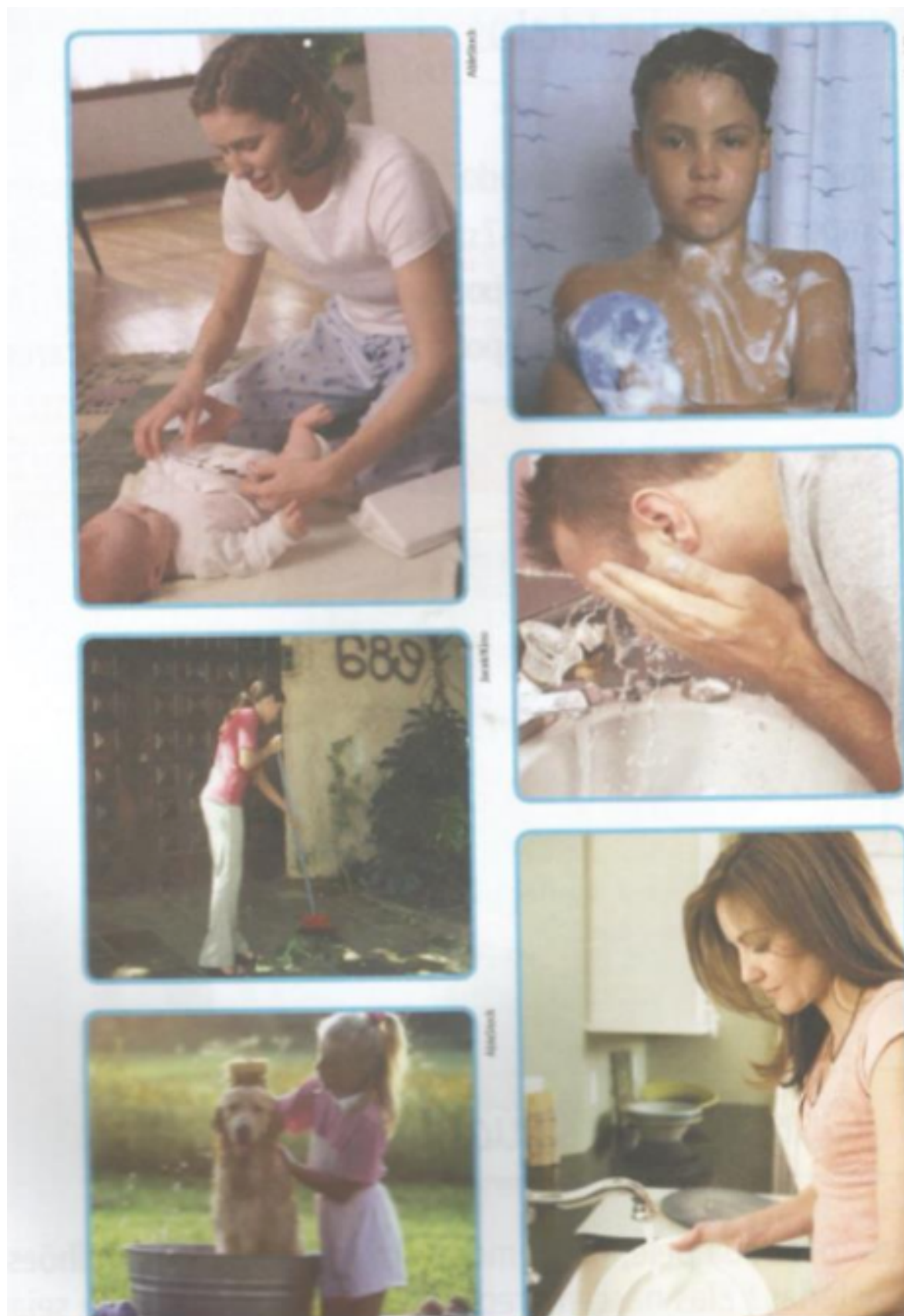
- Gender stereotype in the school environment and in the family
- Lack of professional references in the area

College Students

- Lack of encouragement and role models (insecurity)
- Sexist "jokes" by colleagues and teachers

Academic Career

- Lack of a support network
- Expectations about start a family
- Lack of public policies
- Double shift of work



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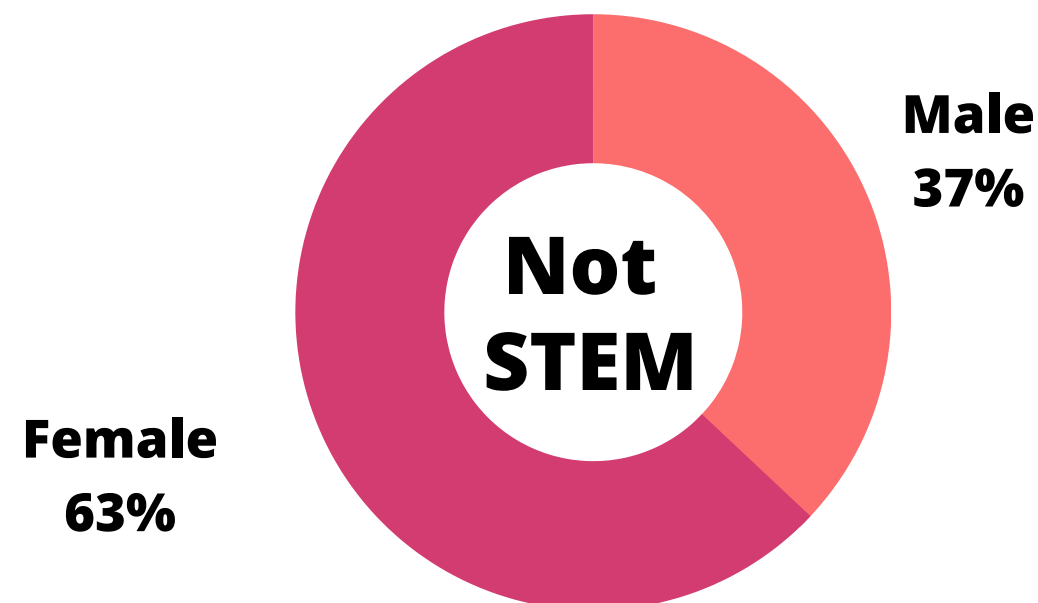
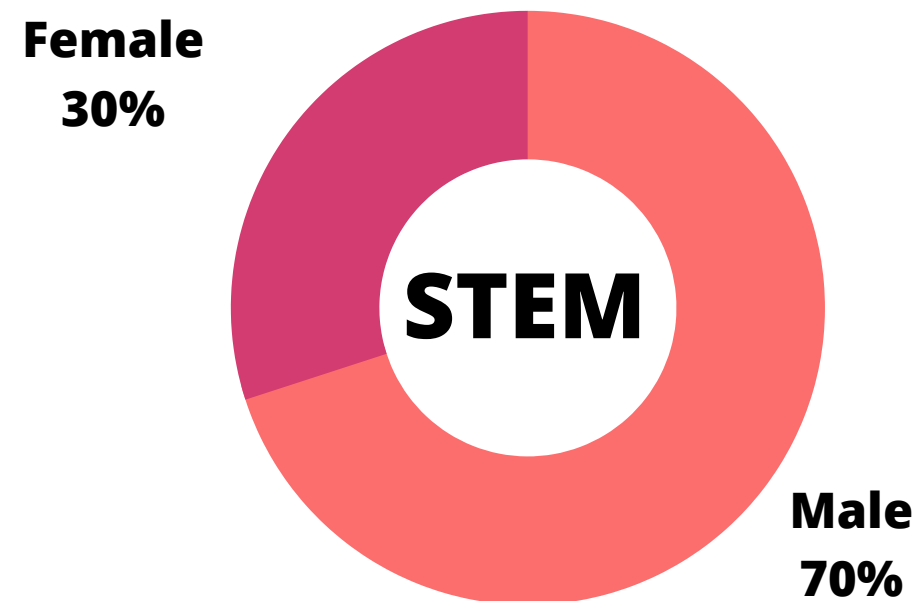
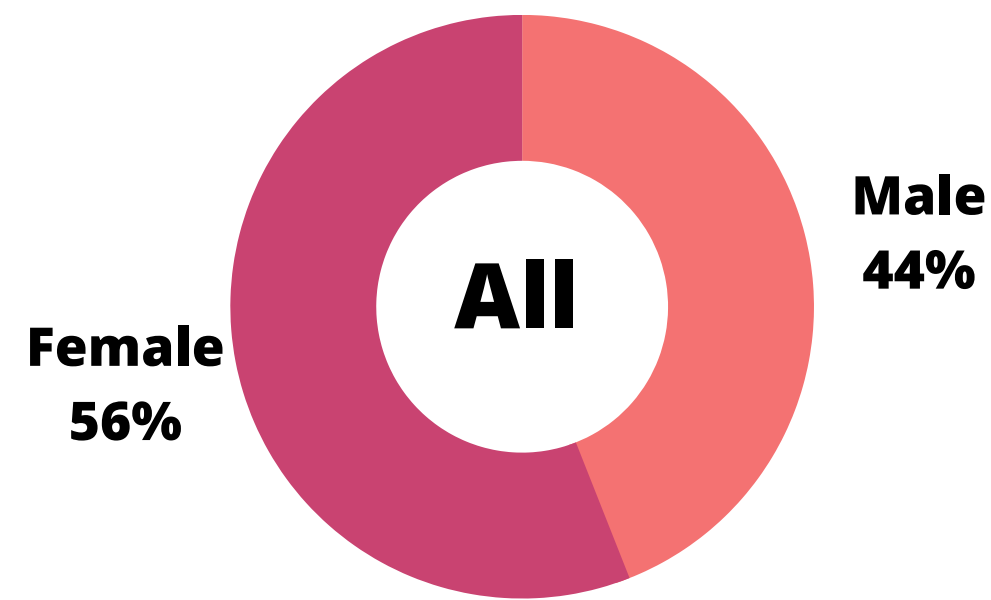
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College Students by Gender



Engineering

Electric 12,7%

Mechanics 10,1%

Control 12,9%

Computing 13,1%

Technologies

Computer network 7,7%

Computer science 11,1%

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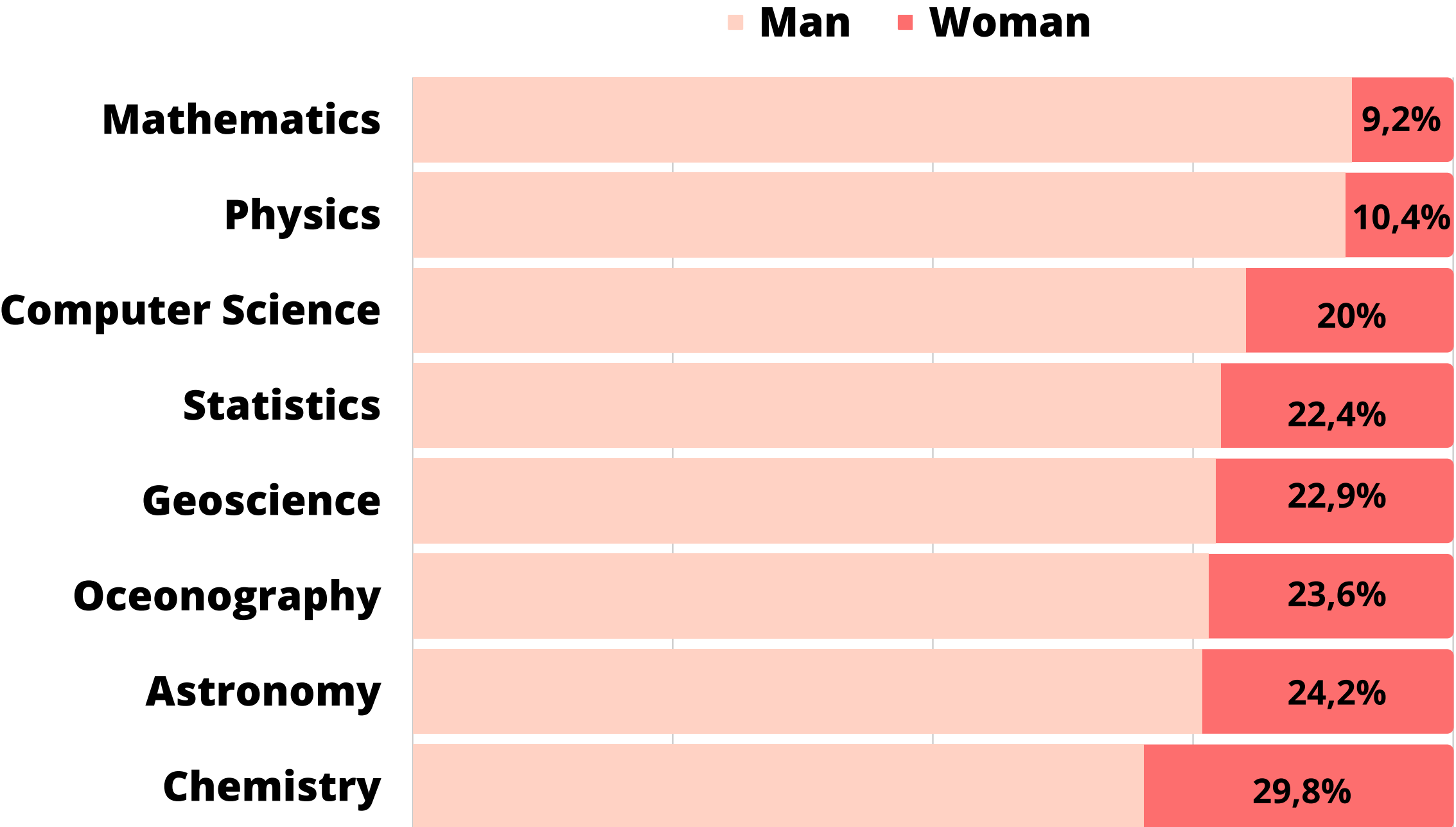
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Academic Career

- Lack of a support network
- Expectations about starting a family
- Lack of public policies
- Women get overworked

CNPq Research Productivity Scholarship



Parent in Science (CNPq 2021)

MISSION



■ **1**

Promote the visibility of women's work in mathematics.

■ **2**

Contribute to the dissemination of research results carried out by women.

■ **3**

Promote interaction between the various female leadership groups that carry out relevant research and application work.

- **12th May - Celebration of International Women in Mathematics Day**
- **CNMAC Mini-Symposium related to gender issues**
- **Women's representation in scientific events** (panel discussion and organizing and scientific committees)
- **Changes in the associated's forms** (gender, race and parentality)

- **Support for projects related to Gender in STEM areas**
- **Include "gender in STEM areas" in a Technical Section at CNMAC**
- **Divulagation of a list, dividing Committee members by research area**
- **Mapping of our members**

You can't be what you can't see



SO WHAT
MORE CAN
BE DONE?

Society

Government and
Public Policies

Equality
of Pay

Support

Family

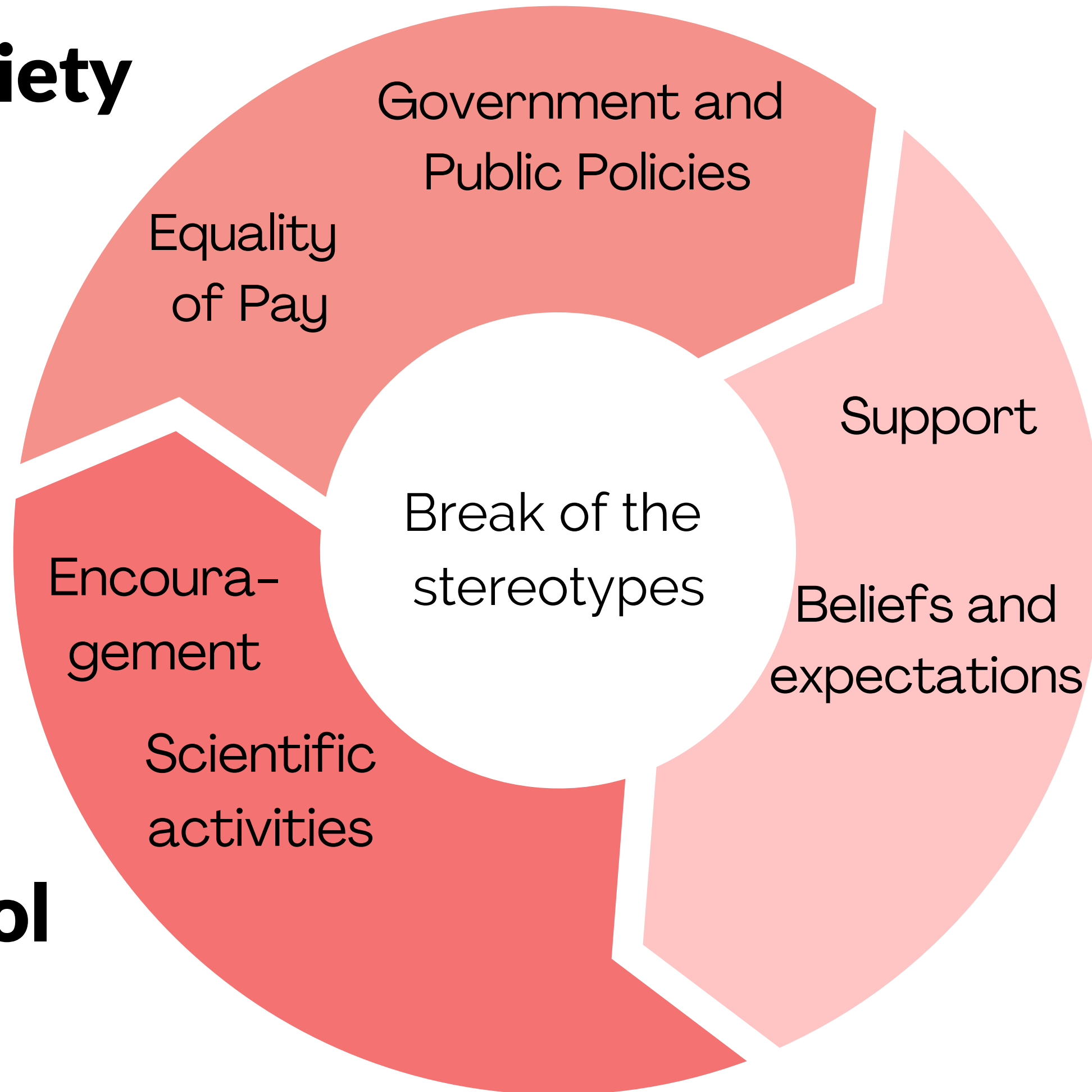
Beliefs and
expectations

Break of the
stereotypes

Encoura-
gement

Scientific
activities

School



E-MAIL

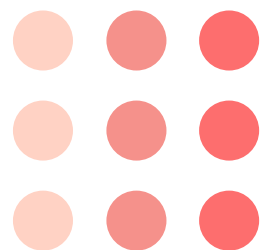
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Thank you!