

< DO NOT PRINT THIS PAGE >

Printing Instructions

This document is ready for printing. You can print it at home or use a print shop for higher quality. It is designed for **double-sided printing**.

Recommended Printing Settings:

- Paper size: A4
- Paper weight: 300g
- Color: Full color
- Printing: Double-sided
- Pages: 3 - 14

After printing, follow the cutting lines on the front side to prepare the cards.

To assemble the protective box, follow the steps on the page in the given order.

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Queens Of Science Card Deck

Designed by Arianna Macias Honti

Step 1
Cut out shape
following the lines
on this side

Step 1
Cut out shape
following the lines
on this side



Step 3
Place cards in
the center
and cover with
side panels

Step 2
Fold following the dashed lines

Step 3
Place cards in
the center
and cover with
side panels

Step 1
Cut out shape
following the lines
on this side

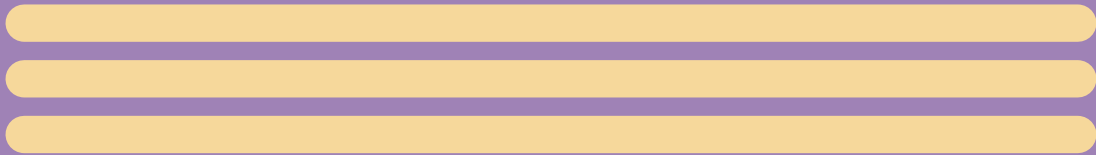
Step 5
Fold and press against
area with glue

Step 1
Cut out shape
following the lines
on this side



START THE
CONVERSATION

QUEENS OF SCIENCE KINGS OF CHANGE ACE OF IDENTITY



Card Deck for
Inclusive Health Research

Step 4
Add glue inside
this square

Step 4
Add glue inside
this square

UNIVERSITY OF TWENTE.

www.utwente.nl/en/et/queensofscience

ZonMw FAQ Sex and Gender in Research
zonmw.nl/en/article/faq-sex-and-gender-research
Genderful Research Consortium
genderfulresearchworld.com
CIHR Gender and Health
cihr-irsc.gc.ca/e/50836.html
Gendered Innovations
genderedinnovations.stanford.edu/index.html

WANT TO LEARN MORE?

START

TURN TO
FINISH

Let this deck guide you through a discussion on how sex and gender impact different aspects of your life and projects.

Remember:

- ♦ Be open and listen to others.
- ♦ You can look up the meaning of terms.
- ♦ Skip a card if it does not relate to you, explain.
- ♦ Follow the instructions on the cards, pick cards randomly or choose beforehand the most useful cards for you.
- ♦ Collect the cards that have already been discussed.
- ♦ Set a timer for each card (~6-8 min) or decide beforehand the number of cards to play.

For this discussion:

What does gender mean?
What does sex mean?
What is the difference?

Types of cards:

Reflect about...

Yourself



Your
Research

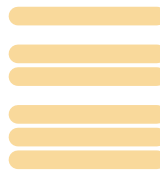


Ready to start?

Level 1

Level 2

Level 3



Why is your research topic important?

♦ IMPACT

Has this been researched before?

Who benefits from the research findings?

In which ways could the research have a negative impact?

Choose your next card....



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MORE



GO TO
FINISH

GO
DEEPER



FINISH

TURN TO
START

The discussion ends here for now. To finish the session let's look at what we went through.

Grab the cards that were discussed during this session and lay them out.

Which card brought the most interesting discussion?

Which card was the most difficult to answer?

What is something new you learned in this session?

Check the cards that were not discussed.

Which ones would be important to discuss next time?

This session may be over, but the impact of these discussions can continue in your work and beyond.

This is just one step in a larger journey.

Keep questioning, keep learning, keep expanding the conversation!

IMPACT

LOOK AT THE RESEARCH

POSITIONALITY

Why is it important to understand how the different dimensions of identity affect you?

How can a researcher's positionality affect how research is carried or interpreted? Can you think of any examples?

Can a researcher study a topic without having any shared experience or dimensions of identity to the people it affects? Why?

Choose your next card....



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REPRESENTATION

How could the results of the research impact you?

Think of groups of people that will be impacted by the research. Do they have shared experiences or dimensions of identity with you? How are their needs understood or considered?

What steps could be taken to improve representation of individuals impacted by the research? Who else should be involved?

Choose your next card....



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PERSONAL PERSPECTIVE

What do you think of sex and gender?

What issues related to sex and gender do you identify in your day to day life? Who do they affect?

Has something you learned about sex and gender change the way you see the world or how you interact with others?

Choose your next card....



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EXPERTISE

What is your experience exploring sex and/or gender in research?

What are some surprising elements that you have learned?

How does the expertise of each member of the team benefit your current research?

What qualifications do you need to address sex- and gender-related topics?

Choose your next card....



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REPRESENTATION

POSITIONALITY

LOOK AT YOURSELF

LOOK AT YOURSELF

EXPERTISE

**PERSONAL
PERSPECTIVE**

LOOK AT YOURSELF

LOOK AT YOURSELF

DIVERSITY

How is your team diverse? What are the different dimensions of diversity amongst you?

List 3 reasons why it could be considered diverse and why not.

How can the diversity of team members impact research?

Which steps can be taken to make the team more diverse? Are these steps necessary?

Choose your next card....



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MORE



GO TO
FINISH



GO
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UNDERSTANDING TERMS

How can defining sex be affected by physical features, chromosomes, gene expression, hormones, and anatomy?

Can the way sex is defined be affected by the environment, culture, or context?

How can defining gender be affected by social roles, behaviors, expressions, and identities?

Can the way gender is defined be affected by the environment, culture, or context?

Who has the authority to define these terms?

Choose your next card....



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GO TO
FINISH



GO
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NOW I KNOW

What are some biases or assumptions you used to have regarding sex and gender?

Have you considered where these biases came from?

What can you do to recognize biases?

How can you make sure they do not influence your research process and the results' interpretation?

Choose your next card....



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GO TO
FINISH



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UNDERSTANDING TERMS

DIVERSITY

LOOK AT YOURSELF

LOOK AT YOURSELF

NOW I KNOW

LOOK AT YOURSELF

SEX AND GENDER

Which sex- and gender-related attributes are relevant to the research?

Which attributes are left out?

How did you decide which attributes are relevant or not? Are these decisions based on relevant evidence?

Choose your next card....



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GO TO
FINISH



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INTERSECTIONALITY

Who is taken into consideration in the research sample?

Which dimensions of identity are specially important to this research? Explain why the other dimensions are not as important.

How are participants being recruited? How are they being contacted? Are there other methods that could be considered?

Choose your next card....



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GO TO
FINISH



GO
DEEPER

NORMS AND RELATIONS

How can gender norms or gender relations be challenged or reinforced by the research?

How could existing gender norms or relations influence the process or outcomes?

What are some steps that could be taken to minimize their effect? Are they necessary?

Choose your next card....



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GO TO
FINISH



COME
UP

UNLIMITED

What are some limitations that can't be avoided but wish you could?

How could the current limitations affect the research?

How would having more funding and time change the scope of the research?

Choose your next card....



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FINISH



COME
UP

INTERSECTIONALITY

SEX AND GENDER

LOOK AT THE RESEARCH

LOOK AT THE RESEARCH

UNLIMITED

**NORMS AND
RELATIONS**

LOOK AT THE RESEARCH

LOOK AT THE RESEARCH

MIND THE GAP

What are some of the gaps from previous research that could be filled?

Have any potentially relevant groups of research subjects been left out?

What do we not know in this field from (not) analyzing sex and gender?

What issues related to sex and gender are not being addressed, or are being misunderstood or misrepresented?

Choose your next card....



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FINISH

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EXCLUSIONS

Who is being excluded from your research?

Could the excluded groups of people be affected by the results?

Is the research including subjects that have been left out before?

Who is indirectly affected by the research or the results? Will they be taken into consideration?

Choose your next card....



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MORE

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FINISH

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DEEPER



BIASES AND ASSUMPTIONS

What are some biases found in previous research? How could they affect the process or interpretation of the results?

Have assumptions been made about sex and gender? What is the evidence of these assumptions?

How is your current research challenging assumptions or biases?

Choose your next card....



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FINISH

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UP



PREDICT THE FUTURE

What would someone of the future say about your research?

What could they see as outdated that right now is innovative?

How could your research help society evolve?

Choose your next card....



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EXCLUSIONS

MIND THE GAP

LOOK AT THE RESEARCH

LOOK AT THE RESEARCH

**PREDICT
THE FUTURE**

**BIASES AND
ASSUMPTIONS**

LOOK AT THE RESEARCH

LOOK AT THE RESEARCH