

# Project Open:MINT

## Empowerment for women in STEM

Networking for your future at the University of Applied Sciences Bremerhaven

ERASMUS STAFF WEEK 2019

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# University of Applied Sciences Bremerhaven

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- **MINT**=Mathematik, Informatik, Naturwissenschaft, Technik
- **STEM**=Science, Technology, Engineering, Math
- 23 programs of studies in STEM fields in Bremerhaven

# Why Open:MINT?

| Program of Study for Bachelor Degree                | Percentage Women in WS 17/18 |
|---|------------------------------|
| Ship Operation Engineering SBT                      | 3,6                          |
| Industrial Plant Engineering ABF                    | 4,8                          |
| Business Informatics WINF                           | 11,0                         |
| Computer Science INF                                | 12,5                         |
| Energy Management in Buildings GET                  | 13,0                         |
| Production Technology PT                            | 13,4                         |
| Process Engineering and Energy Technology PEET      | 14,3                         |
| Transportation/Logistics TWL                        | 22,5                         |
| Maritime Technology MAR                             | 28,3                         |
| Sustainable Energy and Environmental Technology NEU | 37,8                         |
| Biotechnology of Marine Resources BMR               | 47,4                         |
| Medical Technology                                  | 52,9                         |
| Food Technology/Food Business LTW                   | 61,6                         |
| Biotechnology                                       | 67,9                         |

Hochschule Bremerhaven, Datenheft 2017

# Open:MINT is...



- a joint research project between the University of Applied Sciences Wismar and Bremerhaven.



- for young women to test their interests and capabilities in MINT at the university.
- a network between female students, graduates and seniors in research and industry.
- funded by the Federal Ministry of Education and Research from 11/18-10/21

# How do we work?



# How do we work?



- first cycle from 8th till 12th of July
- addresses women between school classes 10 and 13 (*secondary school female pupil*)
- official program
  - practical courses and laboratoy tutorials
  - meet ups
  - networking activities
  - visits of local companies
- social program
  - volleyball, barbecue, live your dream movie, flat share-evening, scetchnotes, etc.
- number of participants: 20 per year



# How do we work?



- starts in WS 2019/20
- period of one year
- addresses female student as of the 4<sup>th</sup> semester and higher
  - program
    - individual mentor-mentee-matching
    - kick-off workshop
    - professional coaching
    - peer-mentoring
    - networking activities



- number of participants: 20 per year

# How do we work?



- November 2019
- link between Campus:MINT, Karriere:MINT, female researchers and companies
- After work/evening event
  - get together with female role models
  - meet up of possible mentees and mentors
  - networking activities for pupils, students, graduates and seniors
  - and more...
  
- number of participants: 50 per year



# Evaluation and establishment

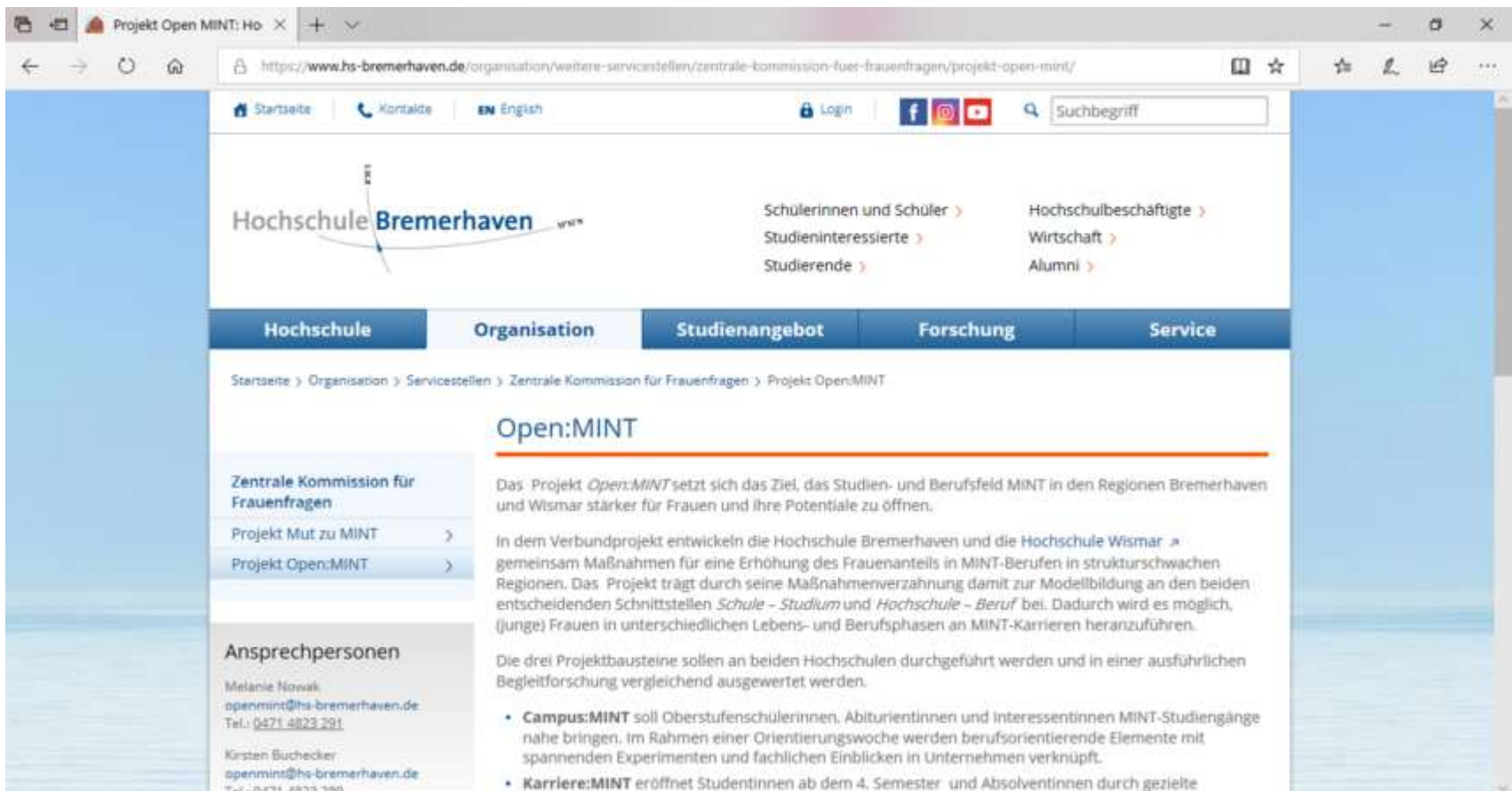
- of short term effects on
  - local networks (school – university – industry)
  - career choices of women
  - gatekeeper (Jobcenter, schools, etc.)
- of results between geographical regions
  - supporting structures (extracurricular activities)
  - regional effects of structurally lagging areas
- of instruments for a long term application
  - network support
  - gender monitoring

# Methods

- addressed to all levels of participants
  - standardize questionnaires
  - guided interviews
- analysis of existing data sets
  - DeStatis
  - intern academically controlling
  - Statistisches Landesamt Bremen
  - Agentur für Arbeit
  - ...
- literature research and comparison with similar programs

# Methods

- forms of publication
  - [www.open-mint.de](http://www.open-mint.de)



The screenshot shows a web browser window displaying the website [www.open-mint.de](http://www.open-mint.de). The browser address bar shows the URL: `https://www.hs-bremerhaven.de/organisation/weitere-servicestellen/zentrale-kommission-fuer-frauenfragen/projekt-open-mint/`. The website header includes the Hochschule Bremerhaven logo, navigation links (Startseite, Kontakte, EN English), a login button, and social media icons (Facebook, Instagram, YouTube). A search bar is also present.

The main navigation menu includes: Hochschule, Organisation, Studienangebot, Forschung, and Service. The current page is titled "Open:MINT" and is part of the "Zentrale Kommission für Frauenfragen" section. The breadcrumb trail is: Startseite > Organisation > Servicestellen > Zentrale Kommission für Frauenfragen > Projekt Open:MINT.

The content area features a heading "Open:MINT" followed by a paragraph: "Das Projekt *Open:MINT* setzt sich das Ziel, das Studien- und Berufsfeld MINT in den Regionen Bremerhaven und Wismar stärker für Frauen und ihre Potentiale zu öffnen."

Below this, a paragraph states: "In dem Verbundprojekt entwickeln die Hochschule Bremerhaven und die Hochschule Wismar » gemeinsam Maßnahmen für eine Erhöhung des Frauenanteils in MINT-Berufen in strukturschwachen Regionen. Das Projekt trägt durch seine Maßnahmenverzahnung damit zur Modellbildung an den beiden entscheidenden Schnittstellen *Schule - Studium* und *Hochschule - Beruf* bei. Dadurch wird es möglich, (junge) Frauen in unterschiedlichen Lebens- und Berufsphasen an MINT-Karrieren heranzuführen."

Another paragraph reads: "Die drei Projektbausteine sollen an beiden Hochschulen durchgeführt werden und in einer ausführlichen Begleitforschung vergleichend ausgewertet werden."

A list of bullet points follows:
 

- **Campus:MINT** soll Oberstufenschülerinnen, Abiturientinnen und Interessentinnen MINT-Studiengänge nahe bringen, im Rahmen einer Orientierungswoche werden berufsorientierende Elemente mit spannenden Experimenten und fachlichen Einblicken in Unternehmen verknüpft.
- **Karriere:MINT** eröffnet Studentinnen ab dem 4. Semester und Absolventinnen durch gezielte

On the left side, there is a sidebar with the following sections:
 

- Zentrale Kommission für Frauenfragen**
  - Projekt Mut zu MINT >
  - Projekt Open:MINT >
- Ansprechpersonen**
  - Melanie Nowak  
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# Methods

## ➤ forms of publication

- [www.open-mint.de](http://www.open-mint.de)
- [www.komm-mach-mint.de](http://www.komm-mach-mint.de)
- scientific media
- print media
- (local) film companies
- final report (project executing organisation)
- etc.

# Methods

- forms of marketing
  - personal contact, poster, flyer, postcards, internet, social media, etc.



designed by J. Helms

# How to find us

## ➤ building M room 3030



<https://www.hs-bremerhaven.de/hochschule/standort/lageplan-und-anreise/>

## Hochschule Bremerhaven

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## Hochschule Wismar

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# Thank you for your attention!

## Feel free to ask questions!



NATIONALER PAKT FÜR FRAUEN  
IN MINT-BERUFEN



Bundesministerium  
für Bildung  
und Forschung