HISTORY
Who invented it?

Lesbians and other women who do not bow to traditional role models are often
Freethinkers and imaginative intruders in supposed male domains.
Many groundbreaking inventions and insights would not have existed without them.
L-MAG introduces 10 things that we do not know without lesbians, bisexuals and trans women

Laser gravitational wave detector
Nergis Mavalvala
Astrophysicist

born 1968, Pakistan

Mavalvalas family belongs to the small
Religious group of parsing in Pakistan, the
put a lot of emphasis on education. Their parents
assisted you in doing a science
to pursue a career even though they are
Girl was. She is now a professor
for astrophysics in the US and could 2016
with her team, the ones that Einstein
said gravitational waves prove - what
caused a worldwide sensation. She was in
her country of origin as a role model for the
Emancipation of women and lesbians, gave
TV interviews and was supported by the Pakistani
Prime Minister as "a source of
Inspiration "for Pakistan. Nergis
Mavalvala lives with her
Partner and her two children in
Cambridge, Massachusetts.

Antiglare glass
Katharine Burr Blodgett
Physicist

1898-1979, USA

Blodgett's father had already worked for the US
Group General Electric worked and
this was Katharine Burr Blodgett first
Woman for the research department. When
Doctor of Physics developed them
Absorbents for poison gas and a
Method to deboard aircraft wings, but
her most famous invention was the
mirrored glass. Hollywood's film industry
immediately plunged into the movie
improve their cameras. The first so turned
The film was "Gone with the Wind" (1939).
Blodgett lived with two women in turn
in a so-called "Boston marriage": instead
To marry a man, many lived
At that time academics prefer one with one
Partner together. Lesbian? Who knows?
It was not spoken about.

Hula Dance
Hi'iaka
goddess

until circa 1820, Hawaii / USA

Hi'iaka was the goddess of hula dance, the
Medicine and magic. She had several
Women as lovers. A legend tells
as with her companions Omeo and
Pauopalai went on a dangerous journey
and demons fought while the
beautiful dancer Hopoe stayed behind and herself
took care of Hi'iakas Blütenhain. As the
Volcano goddess Pele by a misunderstanding
jealous, she sent out her lava
and let Hopoe become a boulder
solidify. Hi'iaka retaliated by calling Pele
made the man abspenstig. Equal -
Sexual relationships were in
Hawaii considered commonplace and belonged
especially in the upper class for the good
Sound, until 1820 the first missionaries to the
Islands came.

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Wikipedia /
Wikimedia / MGM;

Laparotomy on the battlefield
Vera Ignatievna Gedroits
doctor
1870-1932, Russia

Gedroits was the first woman in her life
Homeland military surgeon, professor for
Surgery and personal physician in the Tsar's Palace. you
committed to a better medical
Supplying the lower class and the factory
worker ants. In the war against Japan led
as a Red Cross doctor she is the abdominal
cut (laparotomy) to the inner
To get organs, which then interna -
tional standard in military surgery
has been. She had to do the surgery in one
to carry out a converted railway car
and proved that, nevertheless, more life
could be saved as with the usual
"Gentler procedure". Gedroits came
from the Lithuanian aristocracy, so they themselves
could allow certain freedoms. she wear
Men's clothing and lived in a marriage
relationship with Countess Maria Nirod -
together. Through the Stalinterror she lost
1930 her work. She remembered earlier
Publications as a lyricist and began
a series of novels about her life, from the
whole three volumes appeared before they were published in 1932
died of cancer.

The "third gender"
in the German law book
Susanne Baer
judge
born1964, Germany

Susanne Baer started as a lawyer early one
scientific career, where she
on gender studies and anti-discrimination -
concentration. She became with many
Prizes awarded at home and abroad.
Baer was co-founder and longtime
Head of the Gender Competence Center
Humboldt University Berlin. 2010
they were chosen after a suggestion of
Greens to judge at the Federal Constitutional
dish. 2017 was the decision there
like, a third gender as a personal
after Vanja (inter-
sexual) and the team of the campaign "Third
Option "first unsuccessful by all
Instances had complained (see also page
14). This was followed by a request
the German Ethics Council and the responsible
Committee of the United Nations. Da Baer
openly lesbian, she is considered in the media as
driving force behind the verdict. At least
It is targeted on the Internet and by the AfD
hostile to it, even if in the competent
of the Federal Constitutional Court, a total of eight
and judges sit. Like Baer already in 2011
In a TIME interview, "I hate
nothing more than when someone is in drawers
is plugged. "

Bluetooth
Hedy Lamarr
Hollywood Star
1914-2000, Austria / USA

The actress Hedy Lamarr was in the
1930s as the "most beautiful woman in the world". In front
During the war she shot films with Heinz Rüh
man and Hans Moser, had to be Jewish
but then flee from Austria. thanks
a scandalous nude scene and the first
cinematic orgasm she became for Holly
Wood discovered and worked until 1958
varying degrees of success for the film productions
MGM (Metro-Goldwyn-Meyer).
Together with her artist colleague
George Antheil invented a method with it
Help from punched tape several pianos
at the same time play as film music. For
she transferred the war against the Nazis
Idea on the radio remote control from Torpe-
dos. Your patent, however, disappeared unused
in the drawer until you see the "same -
timely frequency change "for the modern
Computer technology rediscovered. today
based on Bluetooth, GPS and WLAN,
but neither Lamarr nor her
Heirs helped financially since the patent
in the meantime as expired. Like the 2018
published documentary "Geniale
Goddess. The story of Hedy Lamarr "
shows she was married several times,
but at the same time had numerous affairs
with men and women. She said, "Me
people are interested in the brain and not
the look."

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HISTORY

Santa Claus Mrs. Claus
Katherine Lee Bates
poetess
1859-1929, USA

Katherine Lee Bates was through her text
to the song "America the Beautiful"
famous in the USA as the second national
hymn applies. She was an English professor at the
Wellesley College near Boston (one of the first
Women's Universities) and has over twenty
Books written by a first
Standard work on American literature
to the award-winning, social
critical youth novel "Rose and Thorn".
One of her most famous works is one
Poem about the gripping wife of
Santa Claus, Mrs. Claus, by
this figure became popular in the US. Private
she was involved in the peace movement
and social reforms. Your 25-year-old partner
partnership with the equally prominent
Professor Coman is considered a prime example
a "Boston marriage".

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Federal democracy
Two-Spirits of the Iroquois
until about 1800, today's USA

Many original peoples of North America
knew next to the classical gender
still roll a third, which nowadays as
"Two Spirit" is called. Such
People who at the same time have the spirit of
Man and woman carried in one, one considered for
especially blessed and gifted. biological
Female-born Two-Spirits were considered
were unusually combative and were
in the matrilineal Iroquois often in the
War Council elected. Benjamin Franklin was on
Negotiations with the Iroquois in Penn -
involved in and from the political
Alliance system in its vast territory (the
today eight states in the eastern US and
Canada would cover) so impressed
that he copied it. They "were obviously
able to find the right form of government and
Moreover, they should be practiced in such a way as to
they lasted for centuries
and absolutely indestructible, "
Did Franklin. The democratic federal -
US system is based on that. Or, to it
easy to express: The third gender
belonged indirectly to the establishment -
structure of the United States. The two-spirits
lost their influence only through the Christian
Lich shaped long-house religion, the up
exists today.

Business suits and sports shoes
Jil Sander
fashion designer
born 1943, Germany

Jil Sander grew up in Hamburg and
opened her first fashion boutique in 1967,
what she had to sell her car for. you
minimalist style had in the colorful
70s little success. That changed
as in the 80s the type "career woman" the
Business world conquered. Sanders onion look
from combinable single parts was
Practical, the women's suits with wide
Shoulders had a male touch. When
first designer for luxury fashion brought her
1996 also a sports shoe for ladies
out and cooperated with Puma. Her
world fashion empire finally became
taken over by Prada, but had afterwards
less and less success. Sander lived almost 30 years with her partner Angelica Mommsen
together until she died.

E-Mail Attachments

Mary Ann Horton
Programmer
born 1955, USA

Mary Ann Horton studied Computer Science
and quickly became a Pioneer of the Internet. She created many basic programs on which today’s world social networks are based. She and her team created the first mail attachments and moderated newsgroups, even if called by other terms at that time (UUencode, Usenet ...). Horton is transgender and a very dedicated activist. Through her, for the first time ever, trans people became officially in the diversity program of a major company, namely Lucent
Technologies. In an interview she said: "Now I have the freedom to be myself, and do not have to hide anything anymore. That makes me more productive at work. "Her wife supported her as long as possible on her way, but divorced her after the gender reassignment.

And so much more could you tell ...

When searching for scientists and inventors, often you stumble across phrases like, "No men's
acquaintances because they are totally married to their job.” That may even be true, after all, marriage ended and they worked for a long time. Or were these women in fact lesbian? The series with inventors who did not live traditional family roles, could go farther with these pioneers:

Stephanie Kwolek - Kevlar (synthetic fiber)
Rosalind Elsie Franklin - Double helix of DNA
Marie Marvingt - Air ambulance
Emmy Noehter - Noether Theorem
(mathematical-physical linkage)
Grete Hermann - modern quantum physics
Rachel Fuller Brown - Antimicrobial Nystatin (Drug)
Barbara McClintock - Transposon ("Jumping Gene")
Henrietta Swan Leavitt - Period Luminosity Relationship
(measuring the distance between galaxies)
Margaret Eloise Knight - paper bags
Virginia Apgar - Newborn Screening
Kate Gleason - prefabricated houses // Ulrike Raimer-Nolten