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