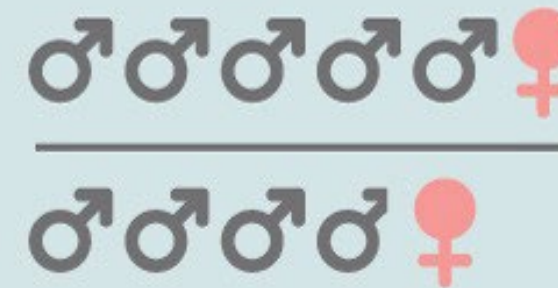


Did you know?

Before 1993,
most testing done in clinical trials
and diagnostic and device
development was conducted on men.



Male animals
outnumber females
5 to 1 in pharmacology
studies—and 3.7 to 1 in
physiology studies.



Lung cancer is the #1 cause
of cancer death in women.

More women die of lung
cancer each year than from
breast, ovarian and uterine
cancers combined.

3X
LUNG
CANCER

Non-smoking women are
three times more likely than
men to get it.

Twice

as many women as
men suffer from
depression in the U.S.
It is the leading cause
of disability in women.



Women are

2/3 of the
5.7 MILLION

people suffering from
Alzheimer's disease

Yet

66%

of the animals used in
Alzheimer's research are male
or of unreported gender.

Cardiovascular disease is
the #1 killer of **WOMEN** in
the US, yet only 1/3 of the
participants in clinical
trials are female.

TRIAL SUBJECTS



78% of
Americans with
autoimmune
disease are
women—it is
estimated that
50 million
people
are afflicted.

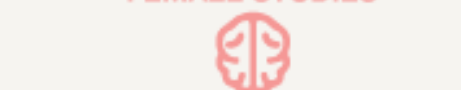
38% of animal studies
researching strokes
used females—
although these
conditions occur
more often
in women.



Fewer than 45% of animal studies of
anxiety and depression use female lab
animals, although these disorders are
twice as common in women.



MALE STUDIES
FEMALE STUDIES



While many brain
disorders show substantial
differences across
gender, animal studies
using only males
outnumber studies
that include females
5.5 to 1.

A woman's
risk of developing
Alzheimer's
disease is almost

2X
(TWO TIMES)

that of a man,
and not just
because women
live longer.

Women



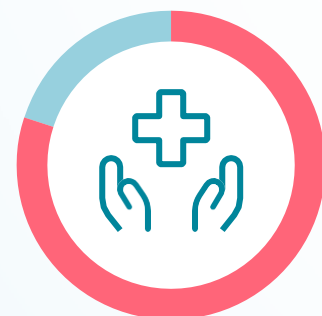
50% of the workforce



Control 60% of wealth



Responsible for 85% of spending



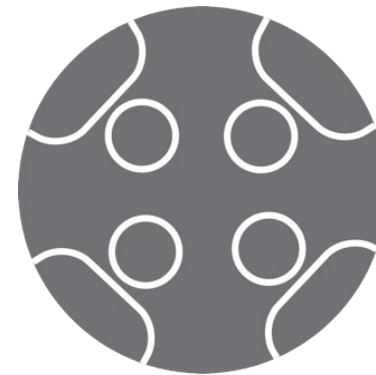
Make 80% of healthcare decisions

How W H A M will create change



INVESTIGATOR'S FUND

Providing seed grants
to leading women's
health researchers
to study sex and
gender differences



W H A M COLLABORATIVE

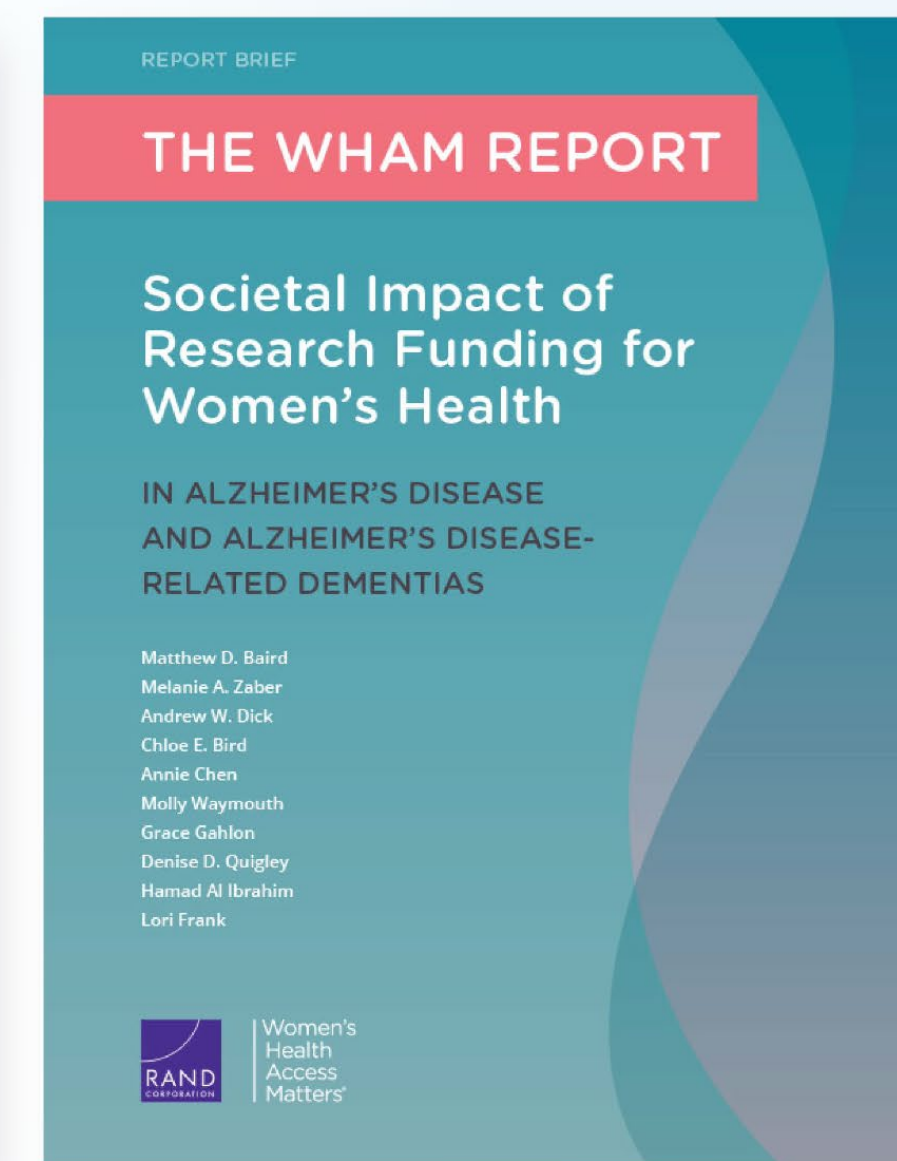
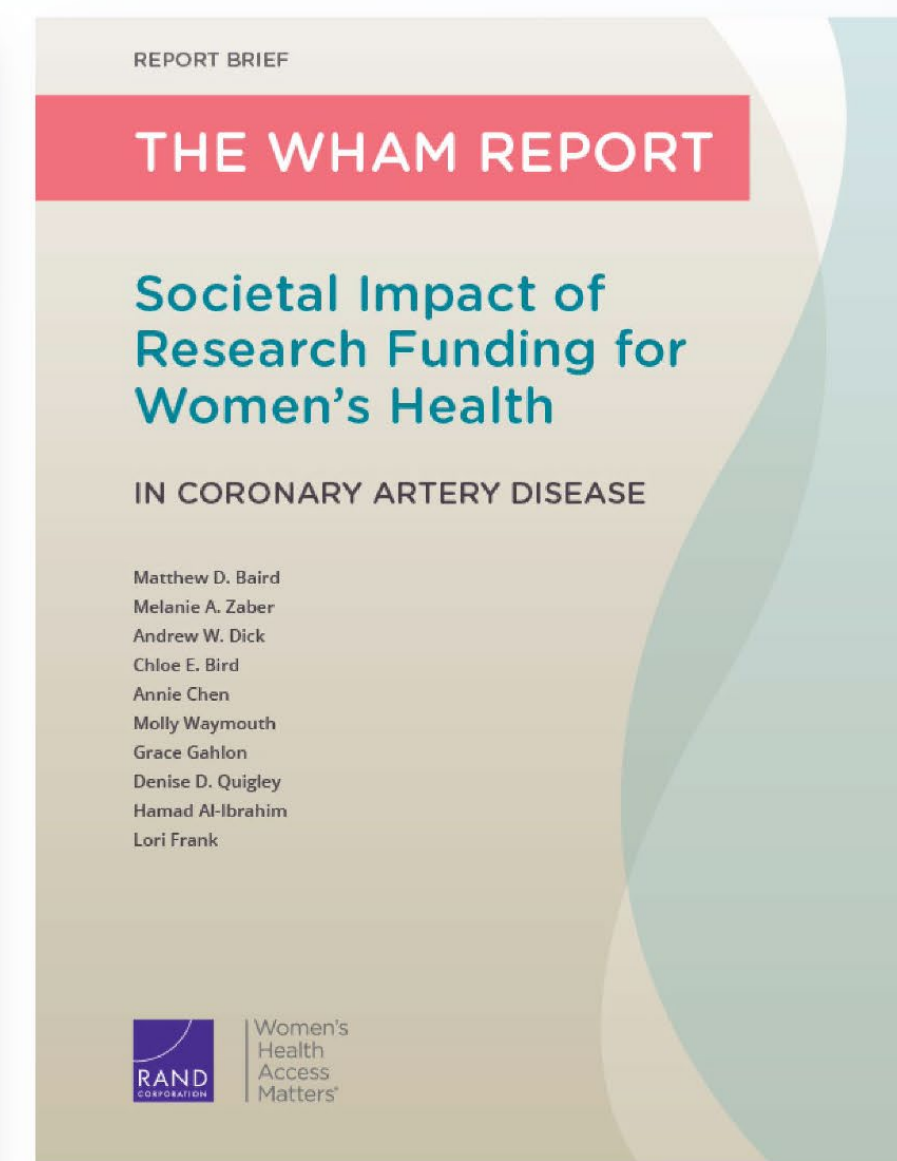
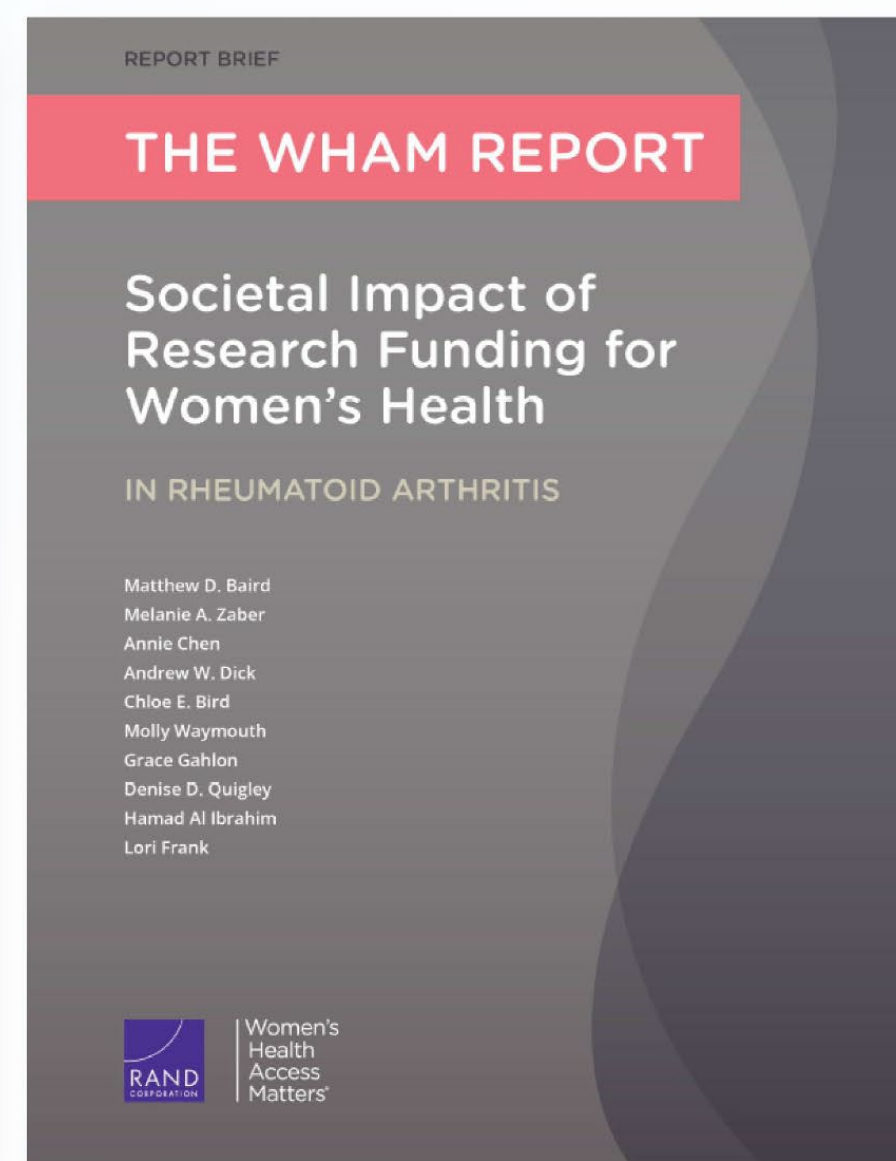
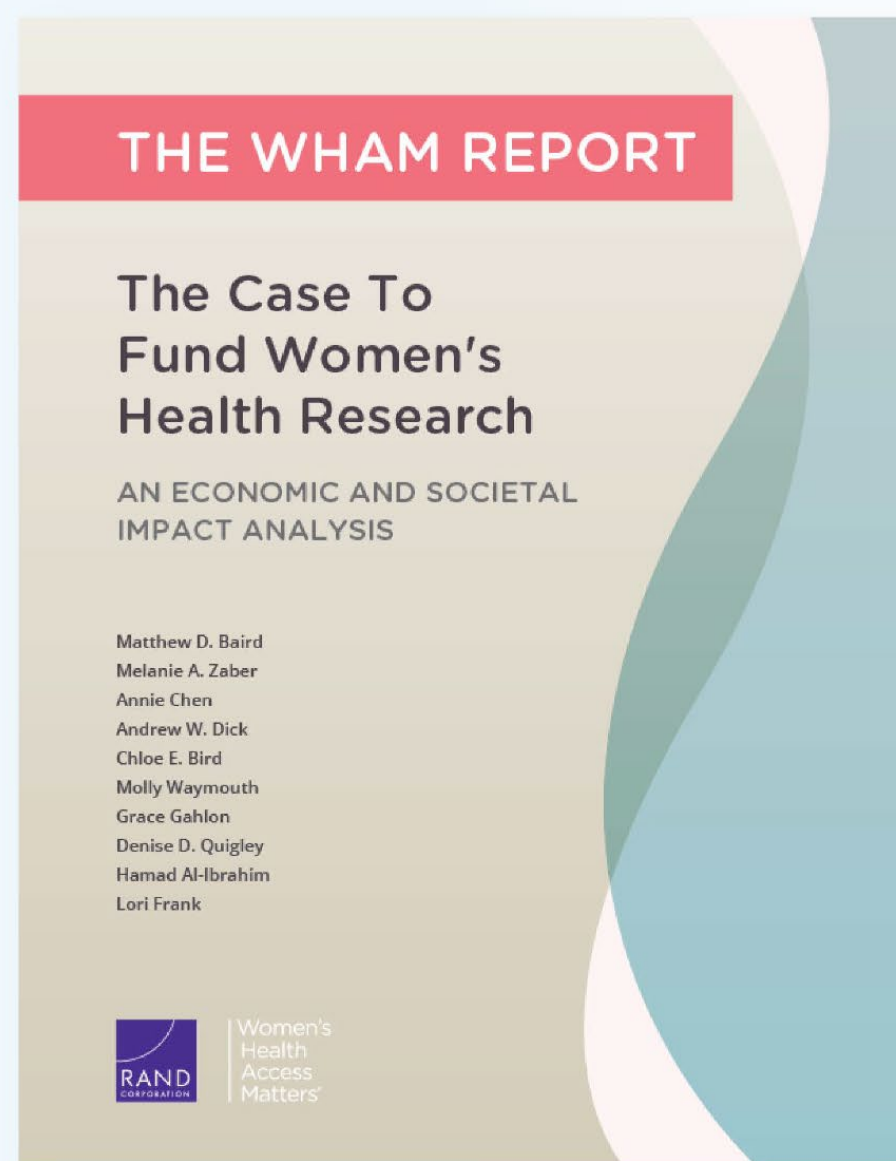
Convening thought
leaders, researchers,
and scientists to
work together to
identify problems
and devise solutions



W H A M REPORT

Tracking data, key
studies, investments
and progress toward
gender parity and the
effect on the economy





American Heart Association®



BrightFocus® Foundation
Cure in Mind. Cure in Sight.



BRIGHAM AND WOMEN'S
Mary Horrigan Connors Center
for Women's Health and Gender Biology

La Jolla Institute
FOR IMMUNOLOGY

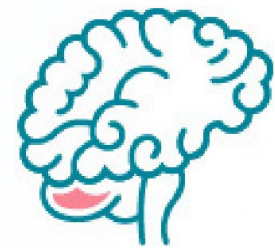


Northwell Health®
Katz Institute for Women's Health



www.thewhamreport.org

Four areas disproportionately affecting women



Brain Health



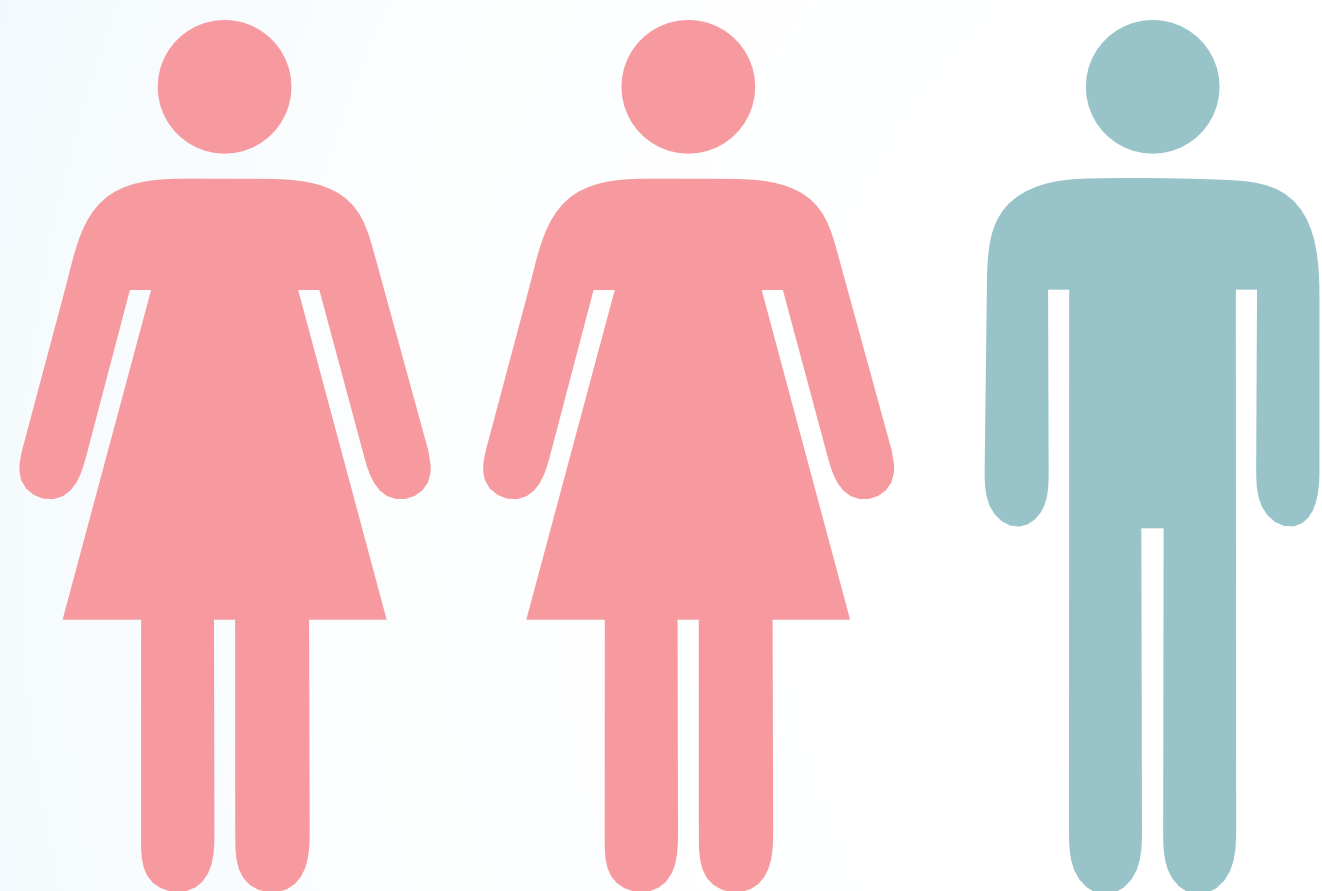
Autoimmune/Immune disease



Heart Health



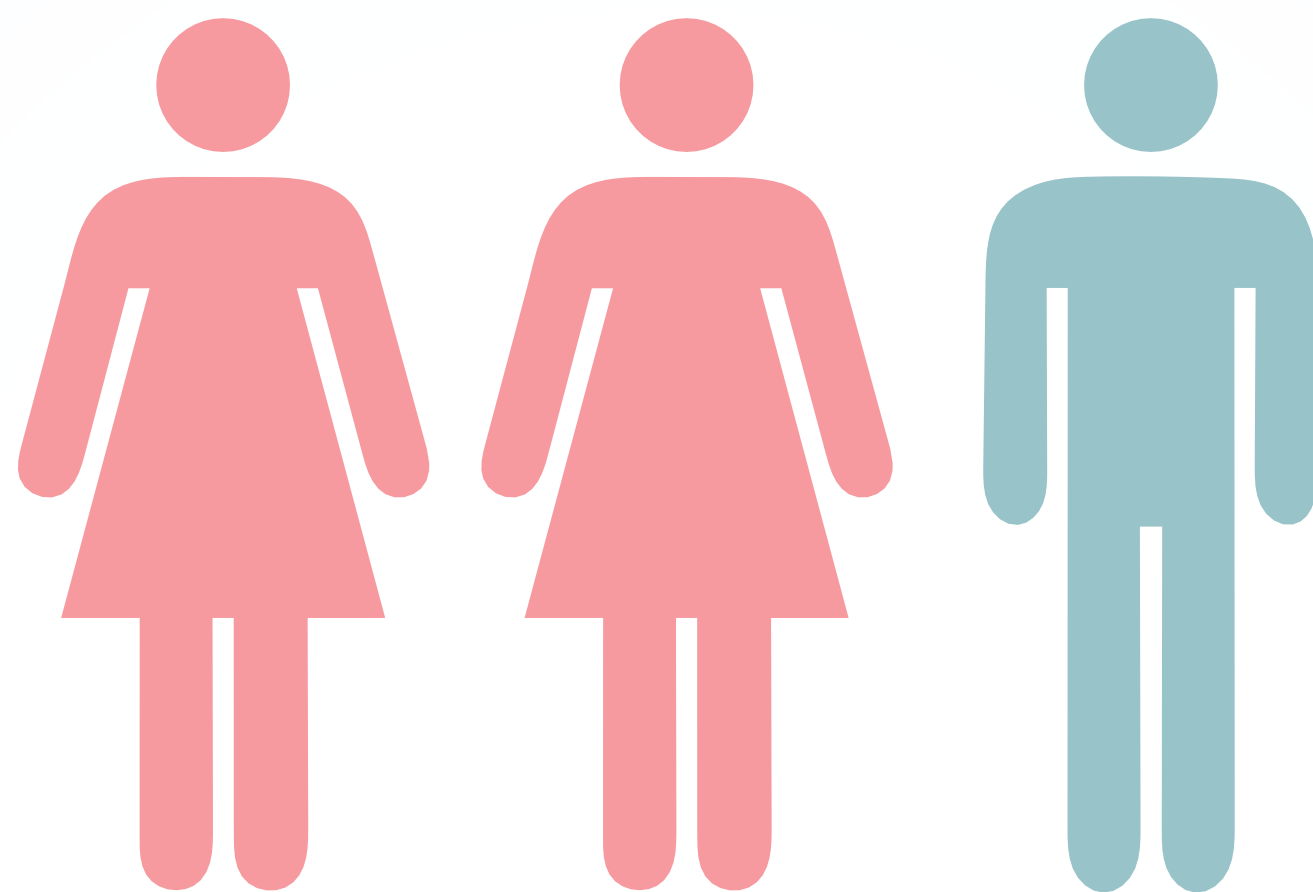
Cancer



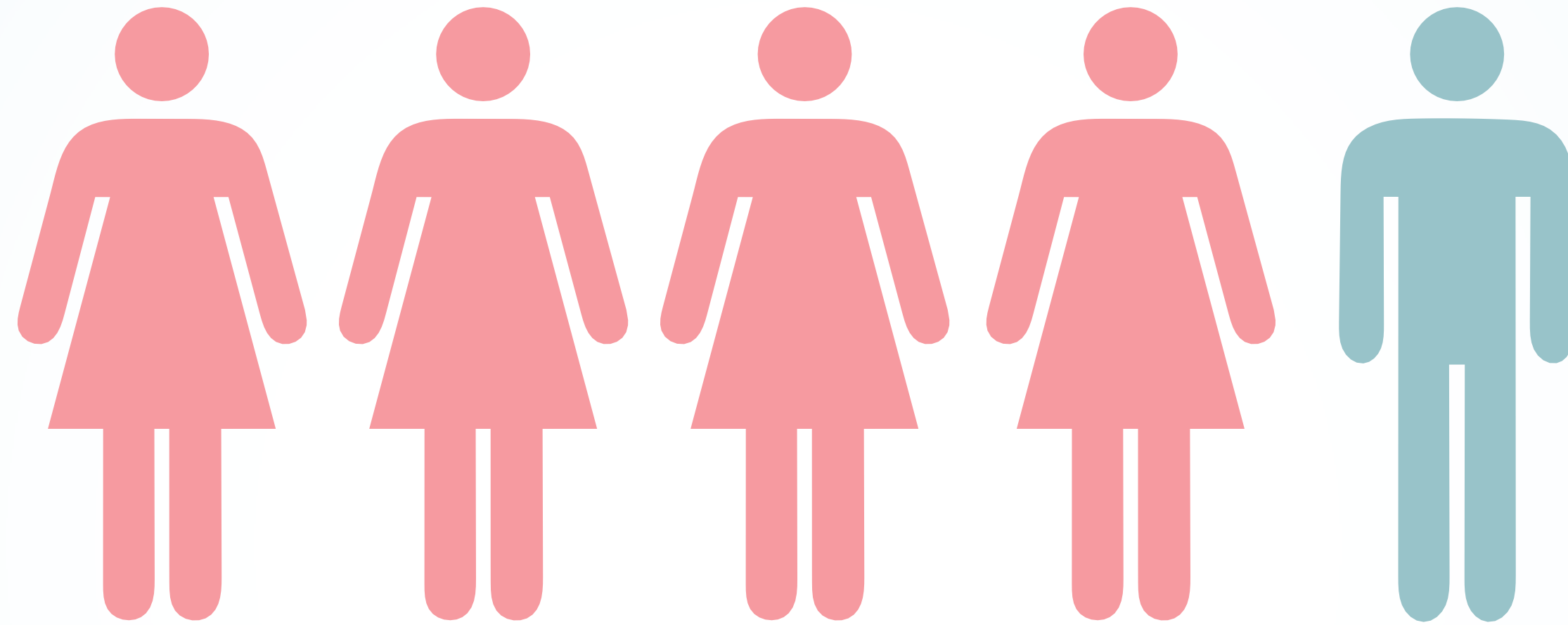
Non-smoking women are
more than

2 X^{AS}_{LIKELY}

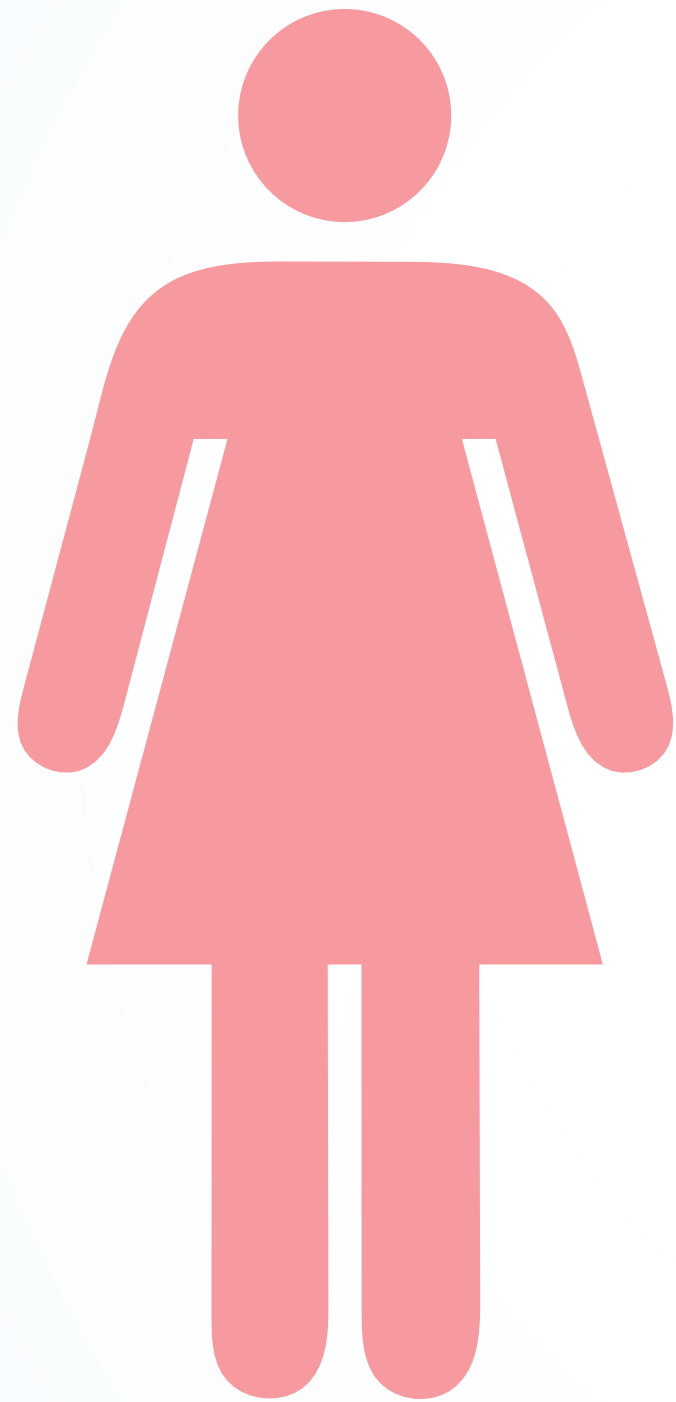
to get lung cancer as
non-smoking men.



$2/3$ of Americans with
Alzheimer's disease
are women



80% of Americans with
autoimmune conditions
are women

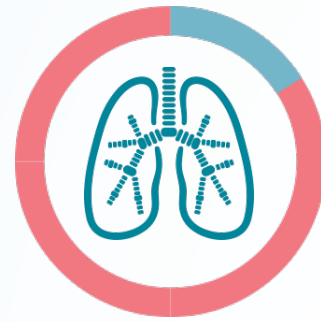


Women are

50% MORE
LIKELY

to die within the year
following a heart attack
than men.

Women-Focused Research



Just 15% of the \$267 million 2019
NIH lung cancer budget



Just 12% of the \$2.4 billion 2019
NIH Alzheimer's budget

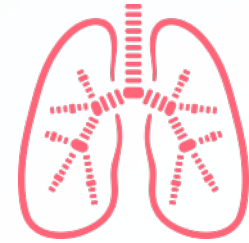


Just 7% of the \$86 million 2019
NIH rheumatoid arthritis budget



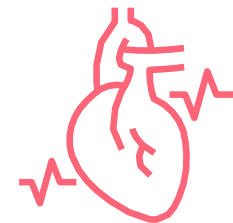
Just 4.5% of the \$444 million 2019
NIH coronary artery disease budget

Lung Cancer



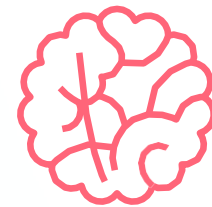
Costs over **\$23** billion a year to the US economy
Lung cancer is the number one cause of cancer deaths in women
15% of research funding focuses on women

Alzheimer's Disease



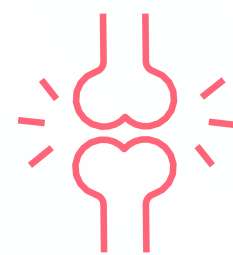
Costs **\$305** billion a year to the US economy
Women are **66%** of patients
12% of research funding focuses on women

Rheumatoid Arthritis

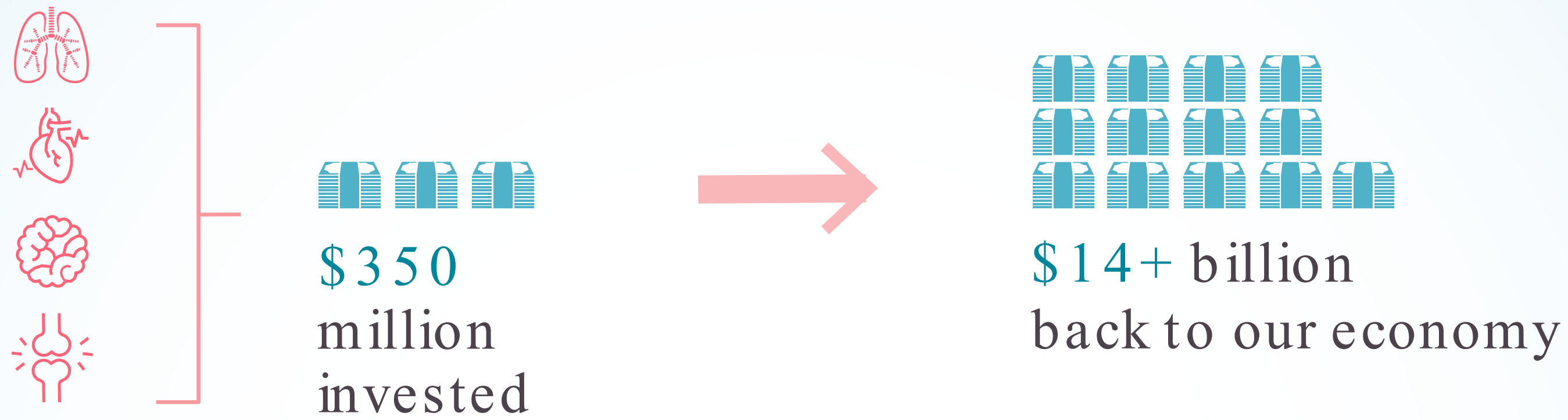


Costs **\$40** billion a year to the US economy
Women are **60%** of patients
7% of research funding focuses on women

Coronary Artery Disease



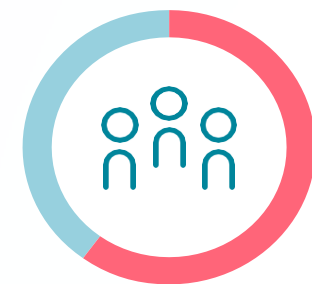
Costs **\$555** billion a year to the US economy
Women are more than **50%** likely to die
4% of research funding focuses on women



Overall benefits:



How could we continue to make decisions based on information that excludes:



Most of our population



1 / 2 our workforce



2 / 3 of our wealth holders



Nearly all our spenders

117TH CONGRESS
2^D SESSION

S. RES. 637

Expressing support for viewing women's health as a critical issue for the economy and workforce of the United States and for advancing the health and well-being of all people.

IN THE SENATE OF THE UNITED STATES

MAY 17, 2022

Ms. DUCKWORTH (for herself, Mr. MARKEY, Mr. BROWN, Mr. VAN HOLLEN, Mr. KING, Ms. KLOBUCHAR, Ms. WARREN, Mr. DURBIN, Ms. STABENOW, Mr. LUJÁN, and Ms. ROSEN) submitted the following resolution; which was referred to the Committee on Health, Education, Labor, and Pensions

RESOLUTION

Expressing support for viewing women's health as a critical issue for the economy and workforce of the United States and for advancing the health and well-being of all people.

Whereas women constitute 50.8 percent of United States citizens and nearly ½ of the workforce in the United States;

Whereas women control 60 percent of personal wealth and are responsible for 85 percent of consumer spending and 80 percent of health care decisions;

117TH CONGRESS
2^D SESSION

H. RES. 1129

Expressing support for viewing women's health as a critical issue for the economy and workforce of the United States and for advancing the health and well-being of all people.

IN THE HOUSE OF REPRESENTATIVES

MAY 17, 2022

Ms. SCHAKOWSKY (for herself, Mr. DANNY K. DAVIS of Illinois, Ms. LEE of California, Mr. MOULTON, Mrs. CAROLYN B. MALONEY of New York, Mrs. WATSON COLEMAN, Ms. CLARKE of New York, Ms. CHU, Ms. ESHOO, Mr. BOWMAN, Ms. LOIS FRANKEL of Florida, and Ms. MANNING) submitted the following resolution; which was referred to the Committee on Energy and Commerce

RESOLUTION

Expressing support for viewing women's health as a critical issue for the economy and workforce of the United States and for advancing the health and well-being of all people.

Whereas women constitute 50.8 percent of United States citizens and nearly ½ of the workforce in the United States;

Whereas women control 60 percent of personal wealth and are responsible for 85 percent of consumer spending and 80 percent of health care decisions;



MICHELLE WILLIAMS

Dean of the Faculty, Harvard T.H. Chan School of Public Health
Event: Global Wellness Summit 2021, Boston, MA

Organizations Signed on to Support This Historic Resolution

Women's
Health
Access
Matters®



AMWA The Vision and Voice of
Women in Medicine
since 1915
American Medical Women's Association

ASPET®
Transforming Discoveries Into Therapies

Arthritis
Foundation®

ABC
Association of Black Cardiologists, Inc.
Saving the Hearts and Minds of a Diverse America

Atrium Health
Wake Forest Baptist

autoimmune
association

BrightFocus®
Foundation
Cure in Mind. Cure in Sight.

CRWG
CENTER FOR RESEARCH ON WOMEN AND GENDER

BRIGHAM HEALTH
BRIGHAM AND WOMEN'S
Mary Horrigan Connors Center
for Women's Health and Gender Biology

ENDOCRINE
SOCIETY

GO2 FOUNDATION
FOR LUNG CANCER
Empower Everyone. Ignore No One.

HADASSAH
the power
of women
who DO

Icahn School
of Medicine at
Mount
Sinai

La Jolla
Institute
FOR IMMUNOLOGY

MAGEE-
WOMENS
RESEARCH INSTITUTE
& FOUNDATION

NHMA
National Hispanic Medical Association

Northwell
Health®

Open Medicine Foundation®
HOPE Leading Research. Delivering Hope.

Society for
Women's Health Research

Springboard®
ENTERPRISES

UsAgainstAlzheimer's

VCU Institute for
Women's Health

WOMENHEART

THE HEALTH
OF WOMEN
WOMEN'S HEALTH
INNOVATION COALITION

WOMEN'S
HEART
ALLIANCE

WIB
Women in Bio
Promoting Diversity and Inclusion
for All Women in the Life Sciences



Women's
Health
Access
Matters®

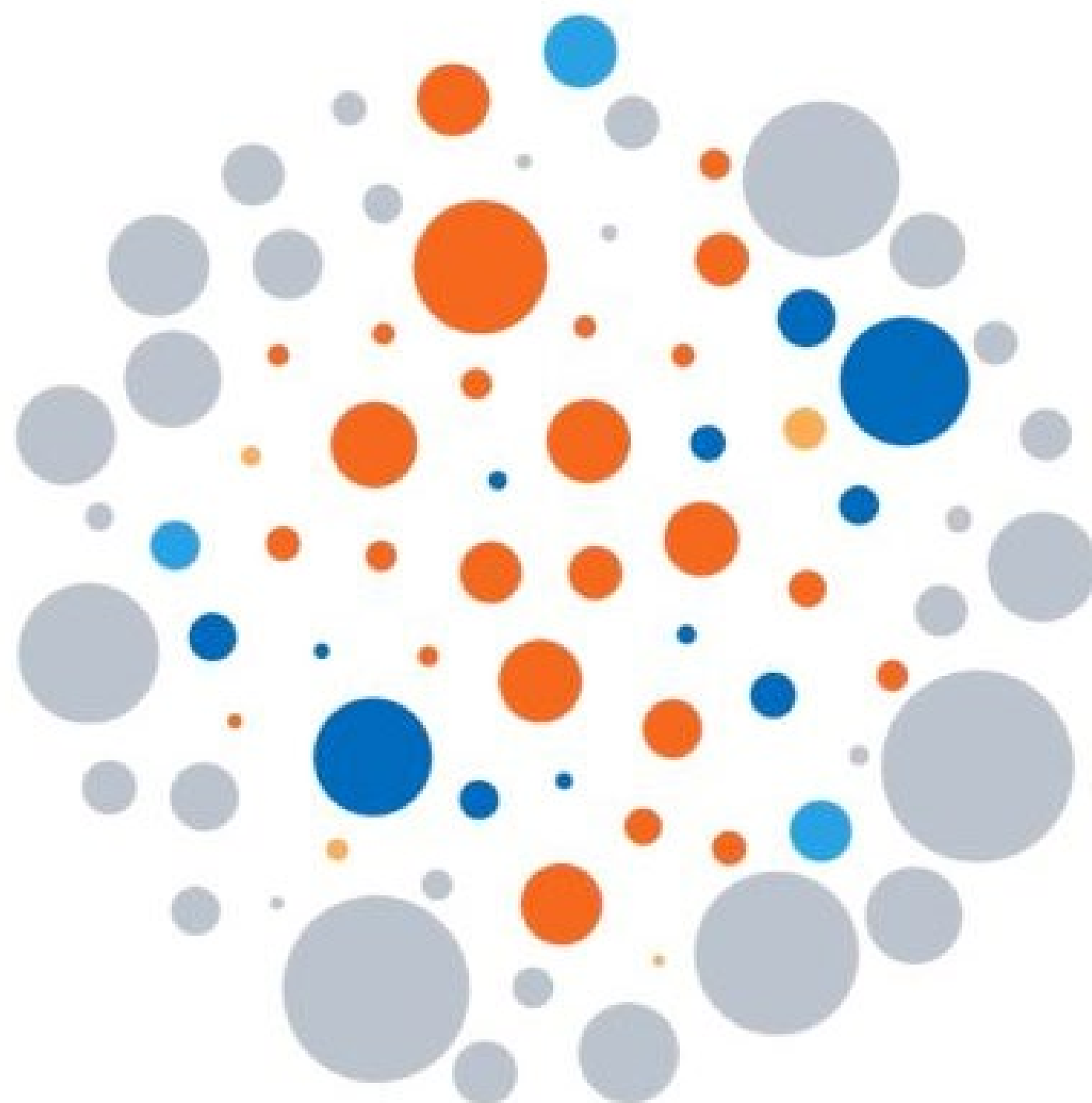
La Jolla
Institute
FOR IMMUNOLOGY

Life
Without
Disease.®

**WHAM AND LA JOLLA INSTITUTE FOR IMMUNOLOGY IDENTIFY ECONOMIC
IMPERATIVE OF RESEARCH FOCUSED ON WOMEN, PARTNER TO ACCELERATE
AUTOIMMUNE RESEARCH FOCUSED ON WOMEN**

***New study shows autoimmune rheumatoid arthritis research focused on women
will bring billions to the economy. Leading immune research institute announces
new sex and gender focus.***





Women's health research lacks funding – these charts show how

Conditions that affect women more than men garner less funding.
But boosting investment could reap big rewards.

By Kerri Smith
03 May 2023

Investing \$350 million in
women's health research
means adding \$14 billion
to our economy.
