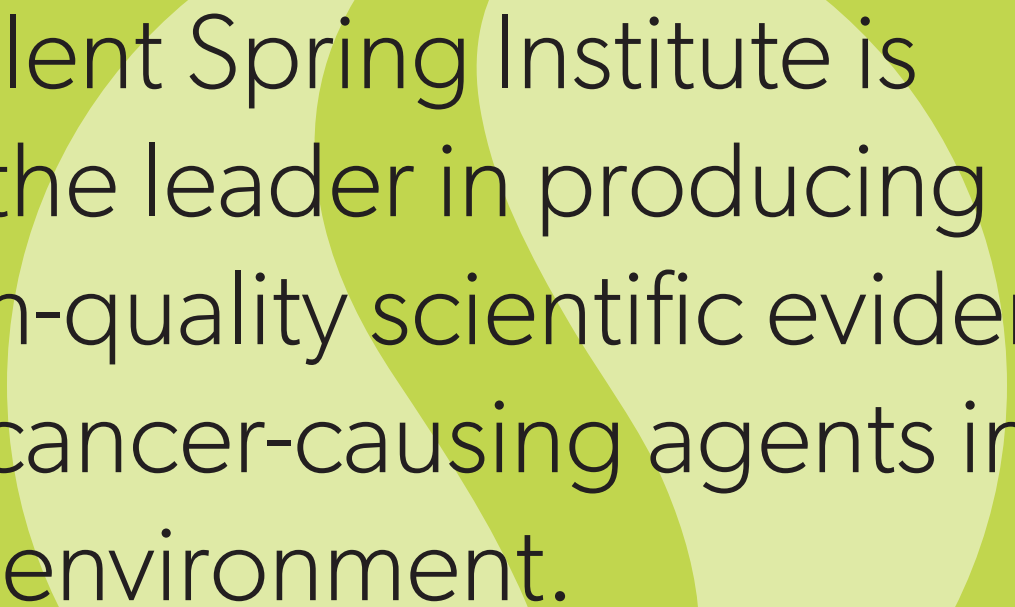





No one should get
breast cancer because
of **toxic chemicals** in
our everyday environment...



SILENT SPRING INSTITUTE
Researching the Environment and Women's Health



Silent Spring Institute is
the leader in producing
high-quality scientific evidence
on cancer-causing agents in
the environment.

*Dr. Margaret Kripke, University of Texas
MD Anderson Cancer Center; Member of President's
Cancel Panel, 2003-2011*

Why do we have higher breast cancer rates than previous generations... rates among the highest in the world?

In the answer to this question lies a **pathway to prevention**.

You can help us get there...

A growing body of research points to **chemicals in your everyday environment as potential risk factors for breast cancer**, as well as other health effects including asthma, developmental and reproductive problems, and other cancers.

Together, **we must take action** now to research solutions, remove dangerous toxics from our lives, and protect future generations from the ravages of breast cancer.



Prevention works.

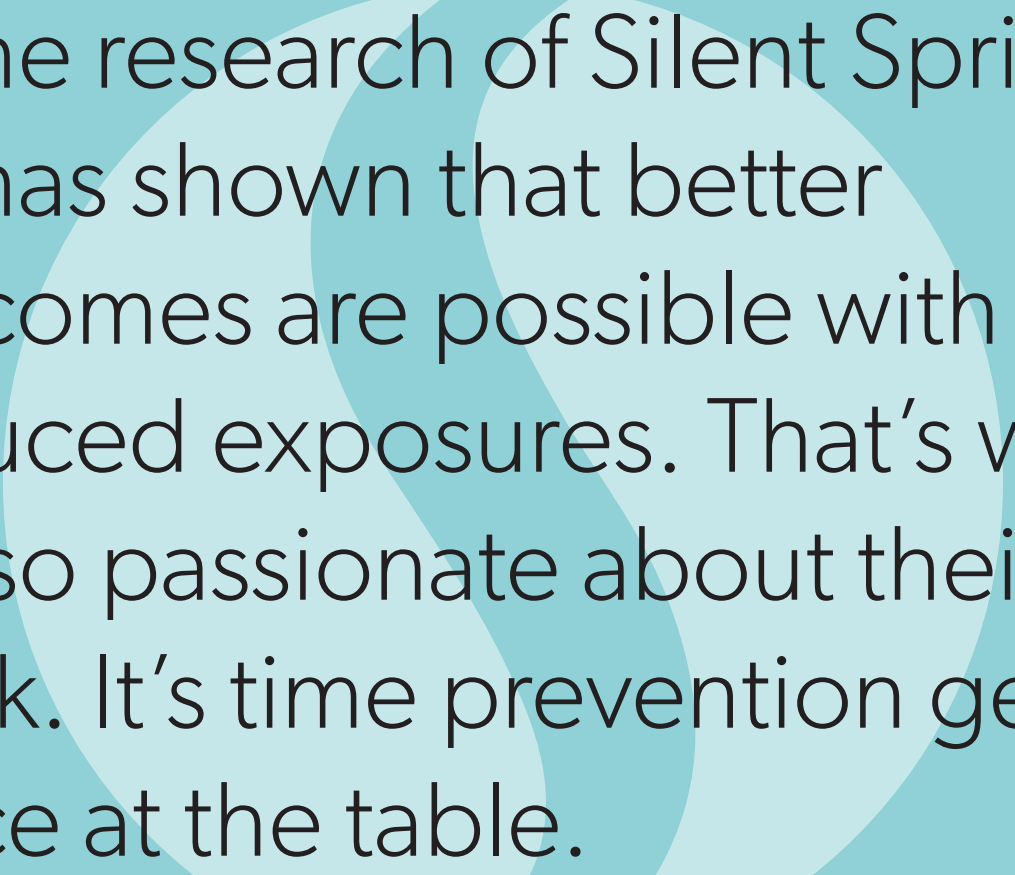

One needs to look no further than the decline in lung cancer alongside reduced smoking and tobacco use to understand this simple truth.

- ✓ If you believe we should **understand the biological effects** of everyday chemicals...
- ✓ If you believe we should **eliminate toxics** that increase the risk for breast cancer and other diseases...
- ✓ If you believe in **the power of scientific innovation** to prevent cancer...

Then please, join us.

The sooner you do, the sooner **we can break the link** between environmental chemicals and breast cancer.



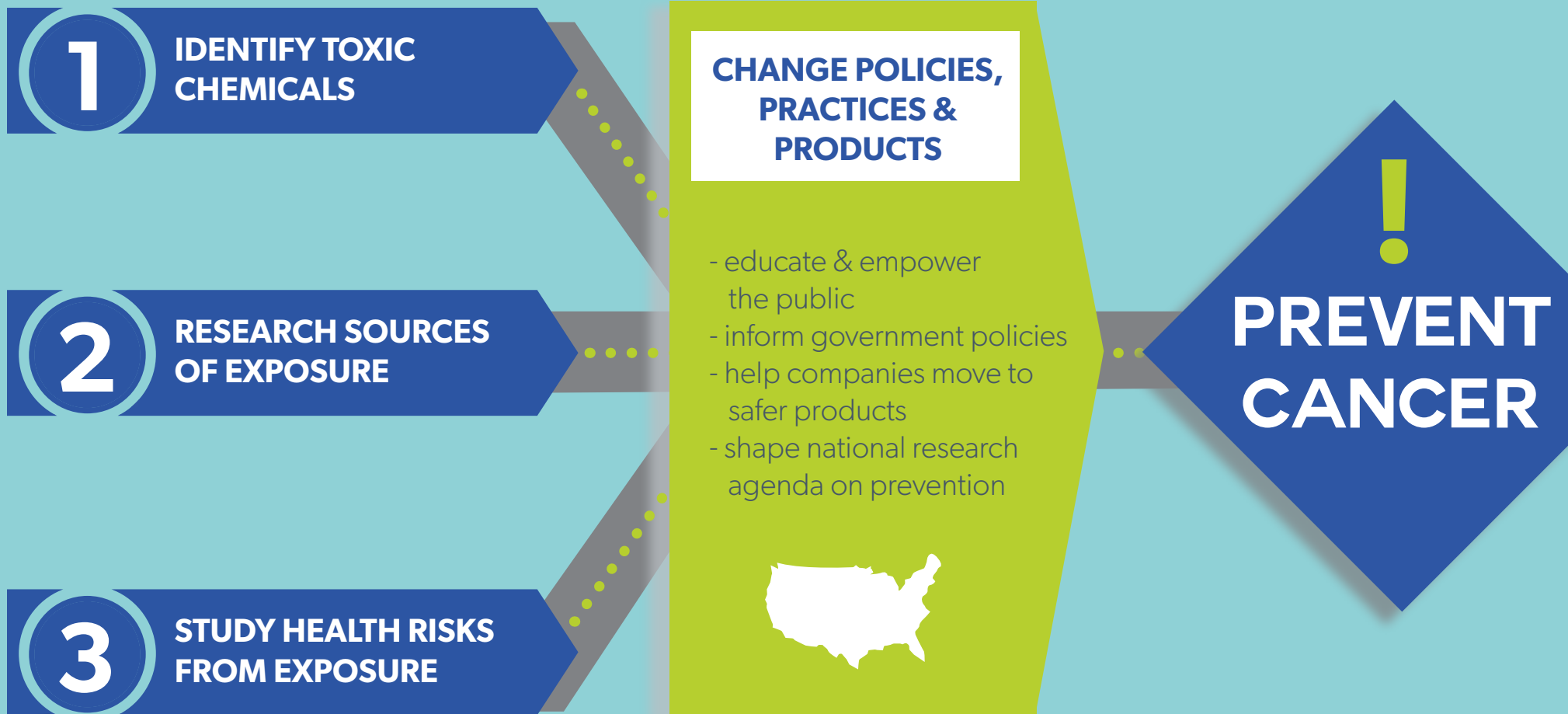


The research of Silent Spring has shown that better outcomes are possible with reduced exposures. That's why I'm so passionate about their work. It's time prevention gets its place at the table.

Ellen S. Calmas, Silent Spring board member



The Pathway to Prevention





Invest in Prevention Science: You hold the key to transforming women's health

After more than 20 years collecting evidence to understand the links between cancer and the environment, we know enough to start focusing on solutions as well.

Silent Spring has the expertise and technology needed to pursue innovative research for preventing breast cancer.

But there's still something missing...



Needed: Visionaries like you who believe in the transformative potential of prevention science.

A future where no one gets breast cancer because of toxic chemicals isn't possible without you.



Opportunities to Invest



Breast Cancer Screen (BCScreen): Testing chemicals for breast cancer risk using new high-tech screening

A disturbing number of the 80,000+ chemicals on the market today have not been tested for safety. Silent Spring is developing breakthrough technology to rapidly screen chemicals for breast cancer risk.

Your support will help identify the specific pattern of genetic changes that occur in breast cells when they

are exposed to carcinogens. To validate our findings, hundreds of chemicals and chemical mixtures must be tested. Ultimately, the U.S. Environmental Protection Agency could use this method to screen existing and new chemicals for links to breast cancer risk. With your help, this could be a game changer.



Chemical Effects on Breast Density: Researching a common risk factor for breast cancer

Women with dense breasts have a higher risk of developing breast cancer. To gain a better understanding of why some women develop dense breast tissue in the first place, Silent Spring is working with a team to follow 500 adolescent girls in Chile. **We are studying the links between chemical exposures early in life and changes**

in breast composition that increase breast cancer risk in adulthood. Your investment will allow us to expand our research in this area to include exposure to air pollutants and pesticides. You'll also provide resources to study the molecular signatures in our body indicative of environmental exposures.

in Prevention Science



Detox Me Action Kit™: What's in your body?

Chemicals surround you every day – in your home, at work, in the products you use... To understand more about individual exposures to common chemicals, Silent Spring introduced a “do-it-yourself” test kit. If scaled to full potential, **this project will create an unparalleled resource for tracking and analyzing sources of chemical exposures in the U.S. population.**

With up-front investment capital, we could bring the project to scale more quickly. This would allow for targeting additional chemicals, reaching many more people at far lower cost, expanding our partnership with the Resilient Sisterhood Project and Black Women for Wellness to reach more women of African descent, and deepening data analysis to translate results into action and policy change.



Personalized Reporting on Chemical Exposure

Silent Spring has developed a state-of-the-art tool for reporting chemical exposure results back to study participants. This web-based interactive tool takes complex data and presents it in a way that the average person can understand. Right now, most people in national studies

don't ever learn their results. You can change that. Your support will **educate individuals about their personal exposures and help them make more informed choices about their health.**

Opportunities to Invest continued...



Reducing Chemical Exposures on College Campuses

The Healthy Green Campus Project researches chemical exposures on college campuses. Our current focus is on **reducing exposure to flame retardants from dorm furnishings.**

Your support will help expand this work to study additional chemicals and increase the number of colleges with whom we partner.



Creating Safer Choices for African American Women

African American women tend to reach puberty earlier than white women and face a higher risk of aggressive and fatal breast cancers in mid-life. Two of our partners, WE ACT for Environmental Justice and Black Women for Wellness,

are working to find out why. Our research is focused on identifying beauty products that may pose health risks. Your support will **help test products, advocate for change, and reduce health disparities for women of color.**



Smarter Regulation of Toxic Chemicals

Legislation passed in 2016 allows for smarter rules for evaluating thousands of chemicals in use today, almost none of which have been properly tested for safety. With your help, Silent Spring will

play a key role in the review process and **protect the public from the chemical and manufacturing industries.**



Protecting Drinking Water

At least six million people in the United States are drinking water contaminated with highly fluorinated chemicals. These chemicals are used in non-stick, waterproof, and stain-resistant products. They are found in virtually all Americans and remain in the body for years. They're also

linked with breast cancer. Your support will **help research the sources of water contamination and prevent chemicals from leaching into drinking water in the future.**

One of the things I admire about Silent Spring Institute is the degree to which it combines science and advocacy.

*Nicholas Kristof, New York Times
Pulitzer Prize-winning columnist*

We're not like all the others...

Most funding for breast cancer is spent on improving treatments. Yet, the vast majority of cancer is preventable.

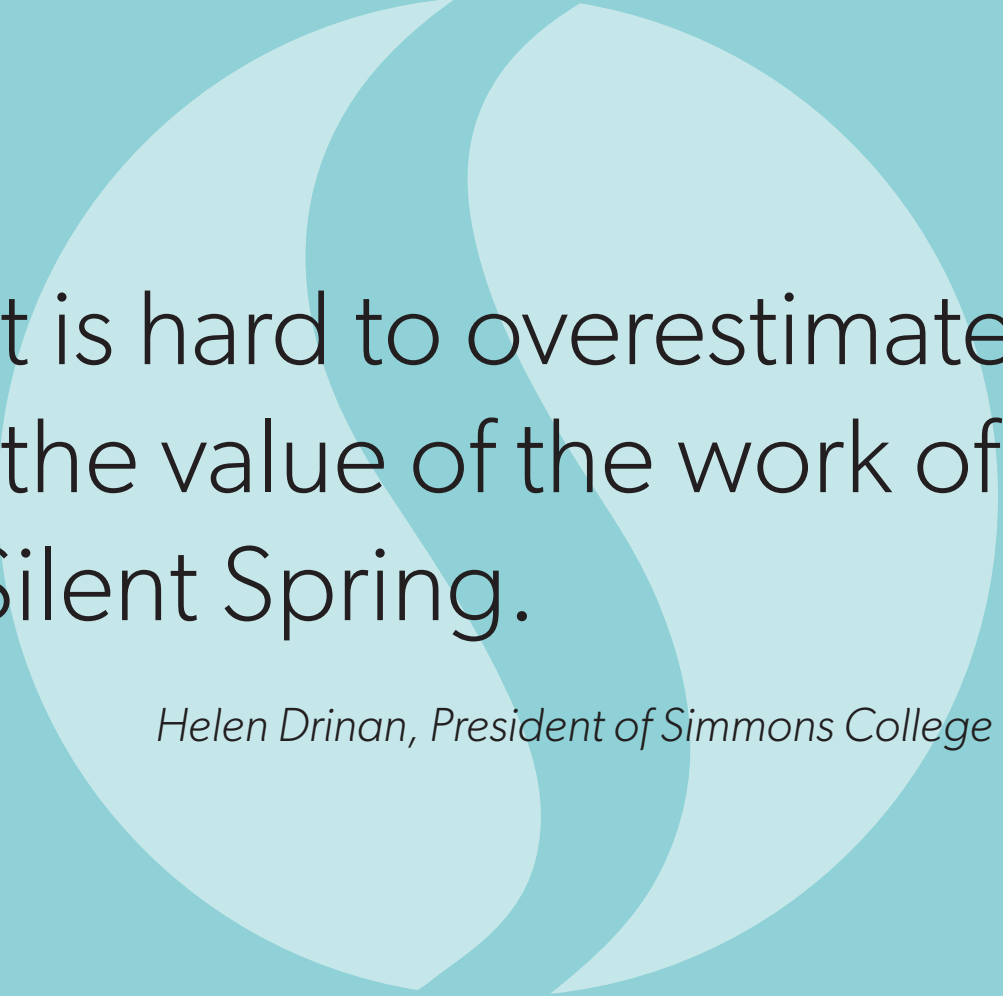

Research shows **70-90% of cancers are the result of external factors like diet and chemical exposures**, not inherited genes.

Your investment will accelerate our understanding of how to **keep people from getting cancer** in the first place.

Pursuing science for the public interest since 1994, Silent Spring Institute is the only independent research organization dedicated to understanding – *and breaking* – the links between chemicals in our everyday lives and breast cancer.

Our groundbreaking studies have uncovered the health risks associated with toxics where we live and work – areas that have been ignored in other cancer research.

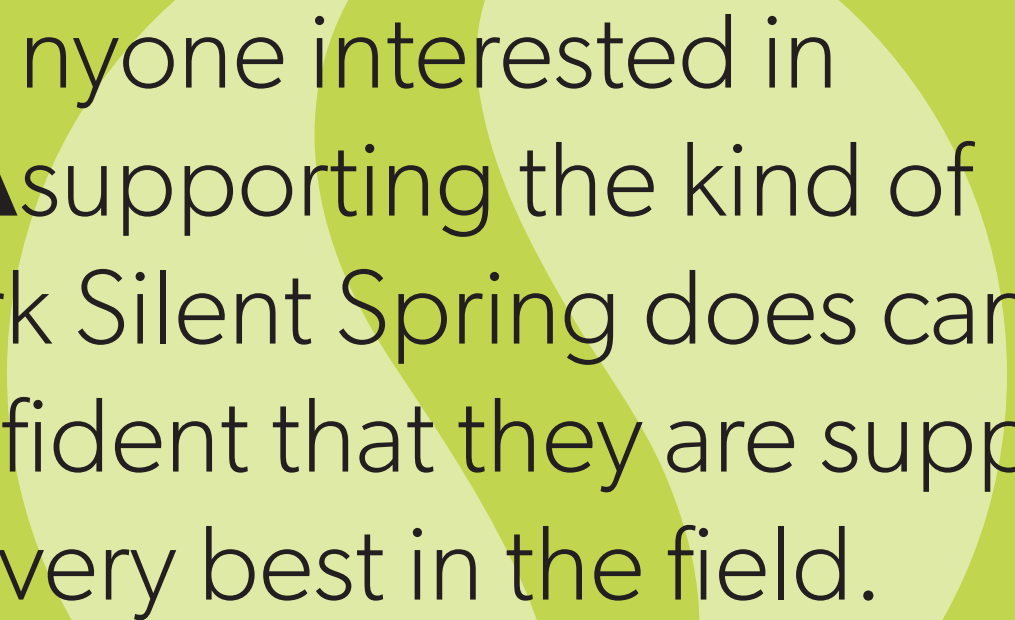

Silent Spring depends on your philanthropic support to advance cutting-edge research and protect future generations from the preventable causes of breast cancer.



It is hard to overestimate
the value of the work of
Silent Spring.

Helen Drinan, President of Simmons College





Anyone interested in supporting the kind of work Silent Spring does can be confident that they are supporting the very best in the field.

*Marion H. E. Kavanaugh-Lynch,
Director of the California Breast Cancer Research Program*



A History of Cutting-Edge Science

1994

Silent Spring is born

216 chemicals linked with mammary gland tumors in animals

President's Cancer Panel reported "environmentally-induced cancers have been grossly underestimated"



Household and personal care products revealed to contain harmful chemicals not listed on labels

2003

First-ever study found hormone-disrupting chemicals from consumer products widespread in indoor air and dust

2007

Californians found to have toxic flame retardants in their blood at twice the national average



2008

2010

Switching to a fresh food diet shown to reduce chemical levels in just three days

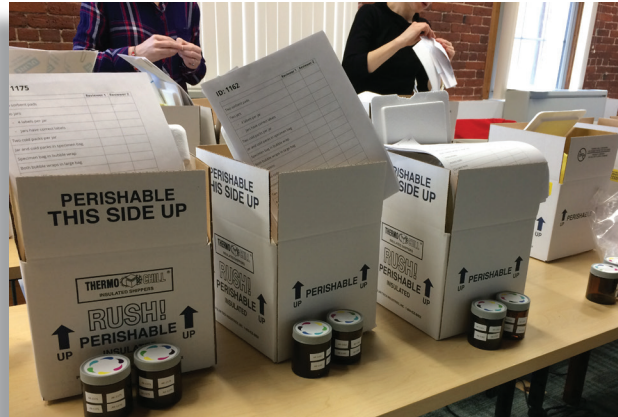
2011

Institute of Medicine published *Breast Cancer and the Environment* recognizing environmental links to cancer

2012

Unregulated contaminants found in 75% of public drinking water wells on Cape Cod

Research on flame retardants in California homes led to revision of flammability standards for furniture



Detox Me Action Kit launched to test people's urine for exposure to toxics

2018 & beyond
Inspired by you!

2014

2015

2016

2017

17 potential breast carcinogens identified as top targets for cancer prevention

Water supplies for six million people in the U.S. found to be contaminated with highly fluorinated chemicals



College students shown to be exposed to toxic flame retardants in dorm dust at some of the highest levels ever measured

As a daughter, a mother, and a woman, I need to do more than just raise awareness about breast cancer... I need to support innovative research with the goal of preventing people from getting sick in the first place. Because of Silent Spring, I can imagine a world for my daughters and their daughters without breast cancer.

Jen Gorke, Silent Spring board member