

# **Analysis and Commentary On Canadian Cancer Society Presentation To Kamloops Council**

## **Part 2**

According to Richard Doll, The Greatest Epidemiologist Of The 20th Century, there is NO SCIENTIFIC BASIS FOR PESTICIDE BANS.

Epidemiological studies are SO OFTEN WRONG that they are coming close to being WORTHLESS.

If a modern « *cosmetic* » pesticide actually caused cancer, it is fairly certain that this would be ascertained through the extensive testing procedures required before it is registered for use in Canada.

If the use of pest control products is LOWEST in Atlantic Canada and Quebec, then why are the cancer incidence and mortality rates HIGHER in these region ?

The idea that there is an epidemic of human cancer caused by synthetic industrial chemicals is NOT SUPPORTED BY EITHER TOXICOLOGY OR EPIDEMIOLOGY.

# **The Wisdom of John J. Holland**



## **Analysis and Commentary On Canadian Cancer Society Presentation To Kamloops Council**

June 12<sup>th</sup>, 2012

**John J. Holland**

**Media Release**

**Selected and Adapted Excerpts**

John J. Holland is Communications Director for Integrated Environmental Plant Management Association of Western Canada ( IEPMA ). He is Canada's most eloquent and intelligent writer on the subject of public policy and pest control products.

## Overview

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Analysis and Commentary on the June 12, 2012 Presentation to Kamloops Council by the Canadian Cancer Society's Jerilynn Maki By John J. Holland, Kelowna, British Columbia, June 19, 2012

Jerilynn Maki, the BC-Yukon Canadian Cancer Society's Health Promotion Coordinator for the Southern Interior Region, made a presentation to Kamloops Council on June 12, 2012.

While Ms Maki is no doubt sincere in her beliefs, what should have been a science-based presentation became one that is BOTH SHORT ON FACTS AND REplete WITH MISINFORMATION — and is thus MUCH WORSE THAN NO PRESENTATION AT ALL.

Statements from Canadian Cancer Society COULD BE TRUE if it did not just CHERRY-PICK WEAK EPIDEMIOLOGICAL STUDIES, and PRETEND that this is the ONLY evidence that is available.

After previously detailing many scientific sources from which she claims the CCS receives its information, Ms Maki maintained that her organization's stance on « *cosmetic* » pesticides « *aren't our opinions* ».

Although Ms Maki claims that the position of Canadian Cancer Society « *isn't our opinion* », it also certainly isn't that of Health Canada, the US Environmental Protection Agency, the American Cancer Society, the British Cancer Society, and many others.

Canadian Cancer Society FAILS TO EXPLAIN is that its INFAMOUS 100 STUDIES are ALL EPIDEMIOLOGICAL OBSERVATIONAL STUDIES WITH VERY WEAK LINKS between pesticides and disease.

Conversely, Health Canada has estimated that ABOUT 23 MILLION PAGES OF SCIENTIFIC STUDIES are used to support the decisions made about pest control products.

Additionally, International Agency for Research on Cancer ( IARC ) stated that VERY FEW currently available pesticides are ESTABLISHED EXPERIMENTAL CARCINOGENS, and NONE is an established HUMAN CARCINOGEN — studies in humans have FAILED TO PROVIDE CONVINCING EVIDENCE of an increased risk, even in heavily exposed groups.



# The Wisdom of John J. Holland



Analysis and Commentary on Canadian Cancer Society  
Presentation to Kamloops City Council, British Columbia

## NO Support For Cancer Epidemic

Dr. BRUCE AMES, an American bi-  
ochemist and molecular biologist,  
is ONE OF THE MOST CELEBRATED  
SCIENTISTS IN THE WORLD TO-  
DAY, and is also AMONG THOSE  
WHO ARE THE MOST CITED.

Besides numerous other awards,  
he is the recipient of the U.S. Na-  
tional Medal of Science.

Dr. Ames, for many years, was a  
senior staff member at the Uni-  
versity of California, Berkeley and  
is the developer of the Ames Test,  
a process widely used for evaluat-  
ing the mutagenicity ( which may  
then indicate the carcinogenicity )  
of a chemical.



# The Wisdom of a REAL Expert



Now retired from Berkeley, he continues to work at the California Children's Hospital Oakland Research Institute, searching for the causes of cancer and other diseases of aging.

As Dr. Ames and Dr. Lois Swirsky Gold ( also a Berkeley researcher ) have written —

*The idea that there is an epidemic of human cancer caused by synthetic industrial chemicals is NOT SUPPORTED BY EITHER TOXICOLOGY OR EPIDEMIOLOGY.*

*Though there are some epidemiologic studies that find an association between cancer and low levels of industrial pollutants, the studies do not correct for diet, which is a potentially large confounding factor; moreover, the levels of pollutants are low and rarely seem plausible as a causal factor when compared to the background of natural chemicals that are rodent carcinogens.*

Bruce N. Ames and Lois Swirsky Gold, The Causes and Prevention of Cancer — The Role of Environment, 1998.

# The Wisdom of John J. Holland



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## Animal Models Are RELIABLE

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If a modern « *cosmetic* » pesticide actually caused cancer, it is fairly certain that this would be ascertained through the extensive testing procedures required before it is registered for use in Canada.

As stated by a PMRA representative —

*For any known human carcinogen, whatever the chemical might be — I'm not speaking directly to pesticides — THE ANIMAL MODELS THAT HAVE BEEN USED HAVE SHOWN TO BE POSITIVE FOR ANYTHING THAT'S KNOWN TO BE CARCINOGENIC TO HUMANS AS WELL.*

*So they are well understood predictors of potential human toxicity, and those are the models that are well worked out and used for toxicity testing.*

Dr. Connie Moase ( Director, Health Effects Division II, Health Evaluation Directorate ), in the Second PMRA Presentation to the BC Special Committee On Cosmetic Pesticides, January 17, 2012. [ Emphasis added ]

# The Wisdom of a REAL Expert



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## Incidence Of Cancer vs Pesticide Use ?

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If one wishes to look at correlations, consider this fact —

*Generally, both [ cancer ] incidence and mortality rates  
are HIGHER in Atlantic Canada and Quebec.*

« *Canadian Cancer Statistics 2009* », Canadian Cancer Society, Statistics Canada, and the  
Public Health Agency of Canada.

Compare the above statement to the fact that pesticide use « *is lowest in  
the Atlantic provinces and Quebec* ».

« *Households and the Environment Survey* », Statistics Canada, February 10, 2009.

Are we then to suppose that we can conclude that pesticide use LOWERS the  
incidence of cancer ?



# The Wisdom of John J. Holland



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## NO Scientific Basis For Pesticide Bans

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But, as an internationally respected scientist once told me ...

*The main problem with epidemiology is that people don't know the PROBLEMS with epidemiology.*

Many of those belonging to anti-pesticide organizations maintain that there now exists — in the case of pesticides — a similar situation to that which occurred with the once-disputed association between TOBACCO and lung cancer.

In the words of Ms Maki ...

*And, you know it's like if you look at TOBACCO, it's taken many, many years and we now know we have definitive, you know, indication that people get cancer from using TOBACCO.*

But there exists a major difference — a heavy smoker has a thirty times ( 3,000 % ) greater risk of developing lung cancer than does a non-smoker.

Illustrating a strong correlation between lung cancer and smoking is one of the greatest accomplishments of epidemiology, and the association, once revealed, was so pronounced that it was difficult to dispute the connection.

# The Wisdom of a REAL Expert



Sir RICHARD DOLL and Sir Austin Bradford Hill were the British authors behind the momentous 1950 study. ( « *Smoking and Carcinoma of the Lung* », British Medical Journal, 1950 )

Richard Doll has been termed « *The Greatest Epidemiologist Of The 20<sup>th</sup> Century* » and, nine years ago, delivered a lecture in Guelph, Ontario.

The following is taken from an article published at the time —

*Sir Richard gave a public lecture in Guelph.*

*Afterward, a city councillor asked whether he'd support a BAN ON PESTICIDES in the city.*

*« No », he said, to her immense surprise.*

*« There's NO SCIENTIFIC BASIS FOR IT. »*



« *Pesticide Panic Zaps the Facts* », Margaret Wente, Globe and Mail, May 24, 2003.

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## Epidemiology Studies Almost Worthless

Then there is also the opinion of Dr. STAN YOUNG, a respected statistician ( epidemiology is based on statistics ) at the National Institute of Statistical Sciences in Research, Triangle Park, North Carolina, who ...

*... argues that epidemiological studies are SO OFTEN WRONG that they are coming close to being WORTHLESS. « We spend a lot of money and we could make claims just as valid as a random number generator » he says.*

*« Numbers Can Lie — Vitamins, Hormones, Coffee — Today They're Good, Tomorrow They're Bad. Why all the flip-flops ? » by Andreas von Bubnoff, Los Angeles Times, September 17, 2007.*



## Our Hero !

# Pest Control Products Are Scientifically Safe

The following LEADING EXPERTS have recognized expertise, training and background in matters concerning pest control products.

These EXPERTS have publicly stated, in one form or another, that pest control products are SCIENTIFICALLY-SAFE —

- AMES, Bruce N., Professor
- BRANHAM, Bruce, Professor
- DOLL, Richard, The Greatest Epidemiologist Of The 20<sup>th</sup> Century
- DOST, Frank N., Doctor
- DRYSDALE, Art C., Horticulturist
- EDWARDS, J. Gordon, Doctor
- FELSOT, Allan S., Professor
- HOLLAND, John J., Communications Director
- MILLOY, Steven J., Juris Doctor
- RITTER, Leonard, Doctor
- ROSS, Gilbert L., Doctor
- SCHWARCZ, Joseph A., Doctor
- SOLOMON, Keith R., Professor
- STEPHENSON, Gerald R., Professor
- SWITZER, Clayton M., Doctor
- WHELAN, Elizabeth M., Doctor
- WOOD, Joel, Doctor



## **Canadian Cancer Society is more knowledgeable than Health Canada ?!?!?**

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NO !

Canadian Cancer Society has conveniently considered the hundreds of qualified scientists of Health Canada's respected Pest Management Regulatory Agency to be incompetent and/or incapable of arriving at correct scientific findings concerning conventional pest control products.

In order to allow SOUND SCIENCE to be effectively practiced, it would be preferable leave the interpretation of scientific research about pest control products to those people who ARE competent to do it — Health Canada, and NOT Canadian Cancer Society.

NO pest control product can be sold or used until Health Canada's scientists have evaluated ALL the existing evidence to determine whether the product meets stringent health and safety requirements.

Conventional pest control products are SCIENTIFICALLY SAFE since they have been scrutinized and approved by the HUNDREDS of expert scientists at Health Canada !

Overall, when they are used properly, there are NO harmful irreversible effects to health and the environment !

Ironically, Canadian Cancer Society has STATED REPEATEDLY that scientific research does NOT provide a conclusive link between pest control products and cancer.

Why is Canadian Cancer Society WASTING EVERYBODY'S TIME on the issue of pest control products ?

Canadian Cancer Society is a FUND-RAISING, PROFIT-SEEKING, and LOBBYING organization, and NOT a science, research, or health organization.

Health Canada, and NOT Canadian Cancer Society, has THE ESSENTIAL EXPERTISE on the subject of pest control products.

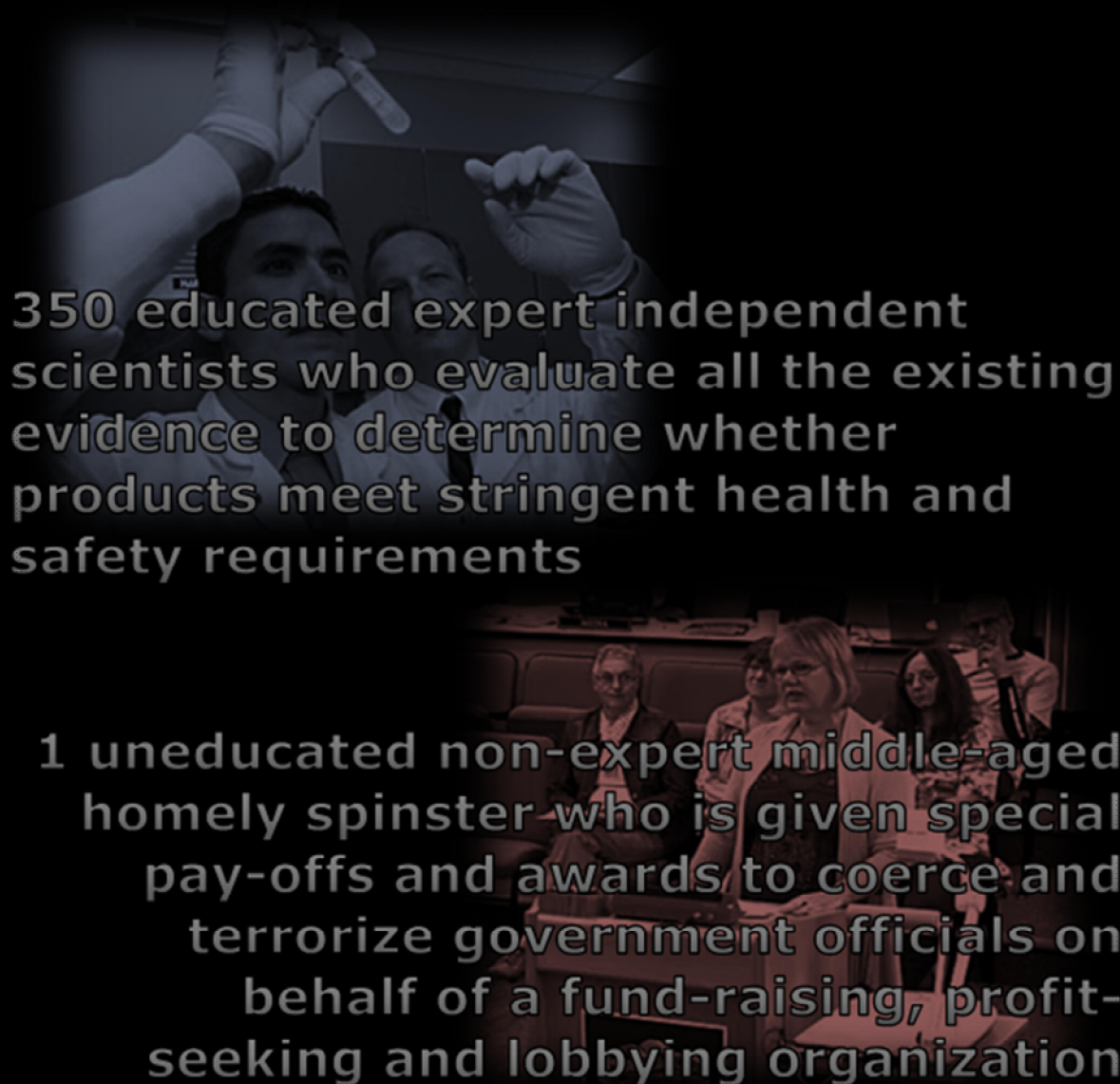
Canadian Cancer Society is RIDICULOUSLY IMPLYING that its NON-EXPERT ASSESSMENT is somehow being withheld from Health Canada and EVERY other regulatory agency in the world.

The following educational, regulatory, research, scientific, and trade agencies have CONCLUSIVELY SUPPORTED or VALIDATED the concept that pest control products are SCIENTIFICALLY-SAFE • American Chemical Society • American Council for Science and Health • American Cancer Society • British Columbia's Special Committee On Cosmetic Pesticides • Canadian Medical Association • CropLife Canada • Health Canada • Institute of Public Affairs • International Agency for Research on Cancer • Ontario Pesticides Advisory Committee • The Fraser Institute • U.S. Environmental Protection Agency • World Health Organization.

Canadian Cancer Society merely ALLEGES having UNDISCLOSED, NON-EXISTENT AND UNVERIFIABLE SECRET EVIDENCE about the safety of pest control products.

Canadian Cancer Society has NEVER provided ANY credible information to Health Canada to justify its Anti-Pesticide CONSPIRACIES.

# Who is more knowledgeable ?



350 educated expert independent scientists who evaluate all the existing evidence to determine whether products meet stringent health and safety requirements

1 uneducated non-expert middle-aged homely spinster who is given special pay-offs and awards to coerce and terrorize government officials on behalf of a fund-raising, profit-seeking and lobbying organization

FORCE OF NATURE - 1. THE WHOLE TRUTH FROM AN INDEPENDENT PERSPECTIVE













A woman with long, wavy blonde hair is looking out of a window. She is wearing a floral patterned top. The window has white lace curtains. The text is overlaid on the image.

# **Anti-Pesticide Terrorists Are Futile & Drivelling**

FORCE OF NATURE | THE WHOLE TRUTH FROM AN INDEPENDENT PERSPECTIVE from  
National Organization Responding Against HUIE that seek to harm the Green Space Industry (NORAHG)