



a toolbox to investigate the corporate disinformation playbook

Stéphane Horel
Le Monde
Dataharvest
30 May 2024



Menu

- 1. Corporate harm, an introduction**
- 2. Lobbying, the basics**
- 3. The assault on science**
- 4. Now you are the experts *Exercices***





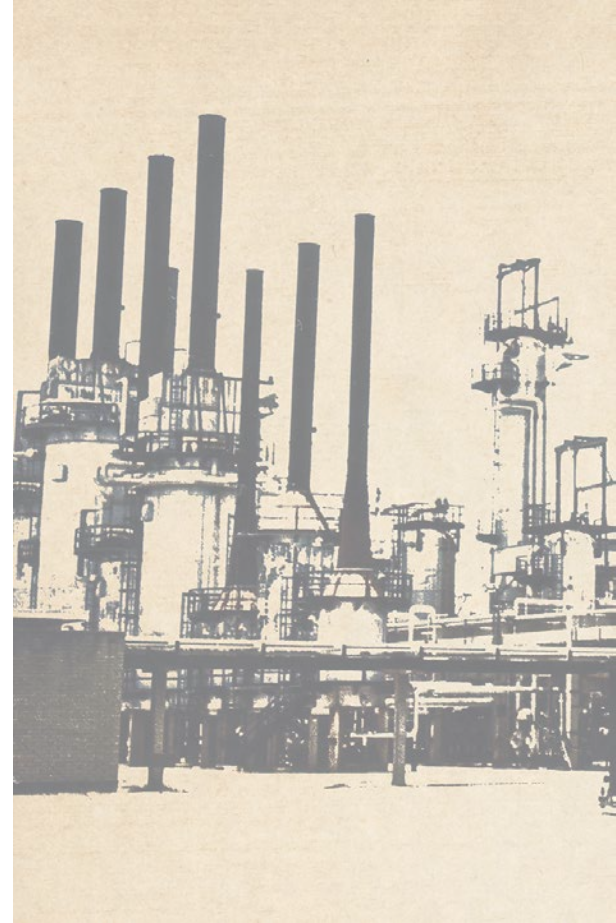
Corporate harm: an introduction

Millions of death

4 industries are responsible for
1/3 of global deaths per year (at least).

That's ***19 million deaths***.
Some estimates go up to ***33 million***.

Make a guess



Corporate harm and crime

- **Unhealthy food** † 11M
- **Fossil fuel** † 10M (air pollution)
- **Tobacco** † 9M
- **Alcohol** † 3M

This is an underestimate.
Other products (lead or opioids)
or practices (pollution of water).



Commercial determinants of health (CDoH)

Corporate political activity affects people's health

climate change
air pollution
chemicals
pesticides
processed foods
plastic waste etc.

cancers
infertility
obesity
diabetes
cardiovascular diseases
mental health etc.



Commercial determinants of health

“Commercially driven ill health is the result of a **pathological system** in which dominant commercial entities are enabled to influence societal norms and values, political and economic systems, policies, environments, incomes, and behaviours.”

Who said that?

(Karl Marx?)

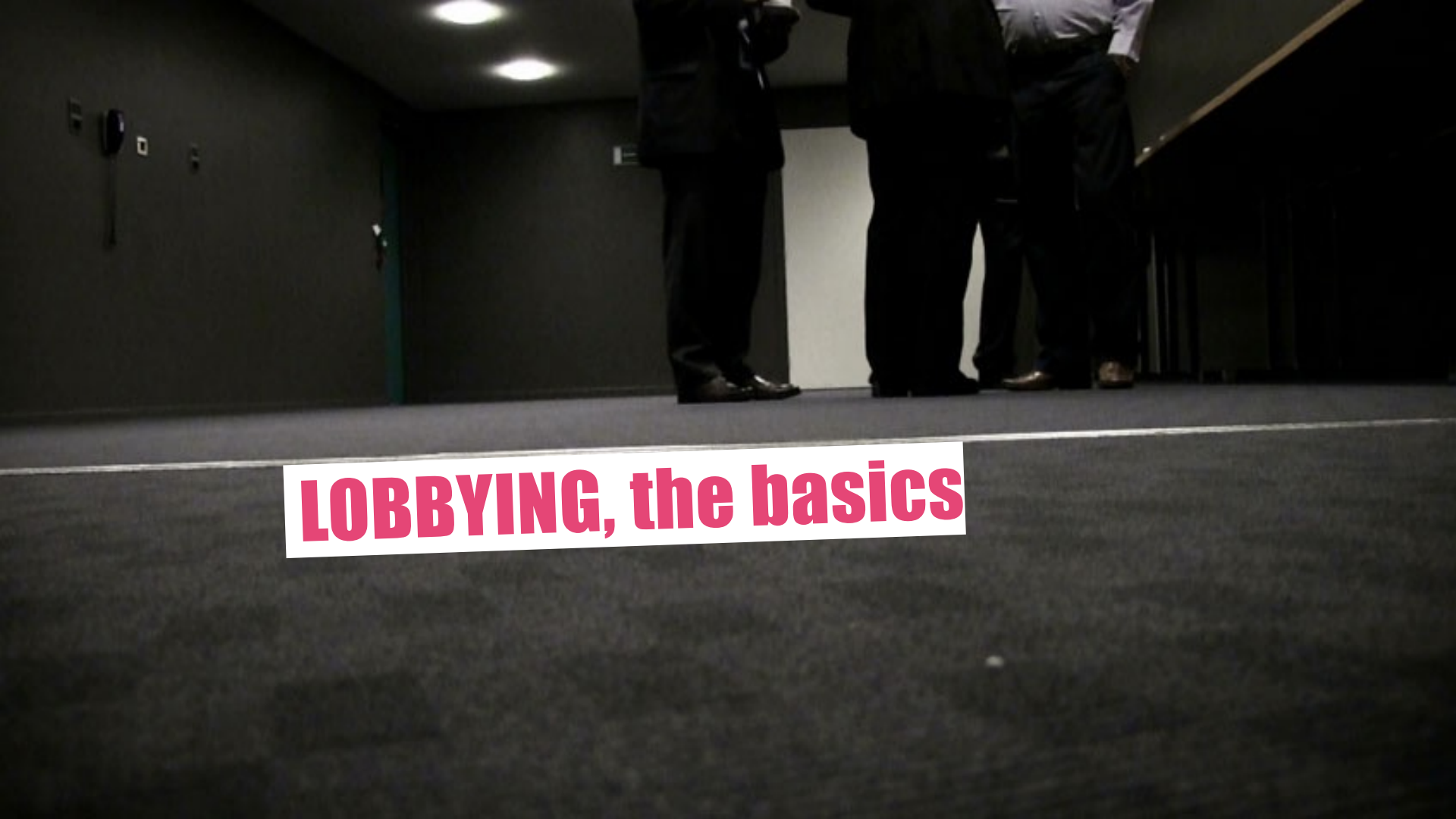
No, it's The Lancet

Triple planetary crisis

- climate change
- biodiversity loss
- pollution

(UNEP)





LOBBYING, the basics

What lobbying is about

Suppress

Water down

Hijack

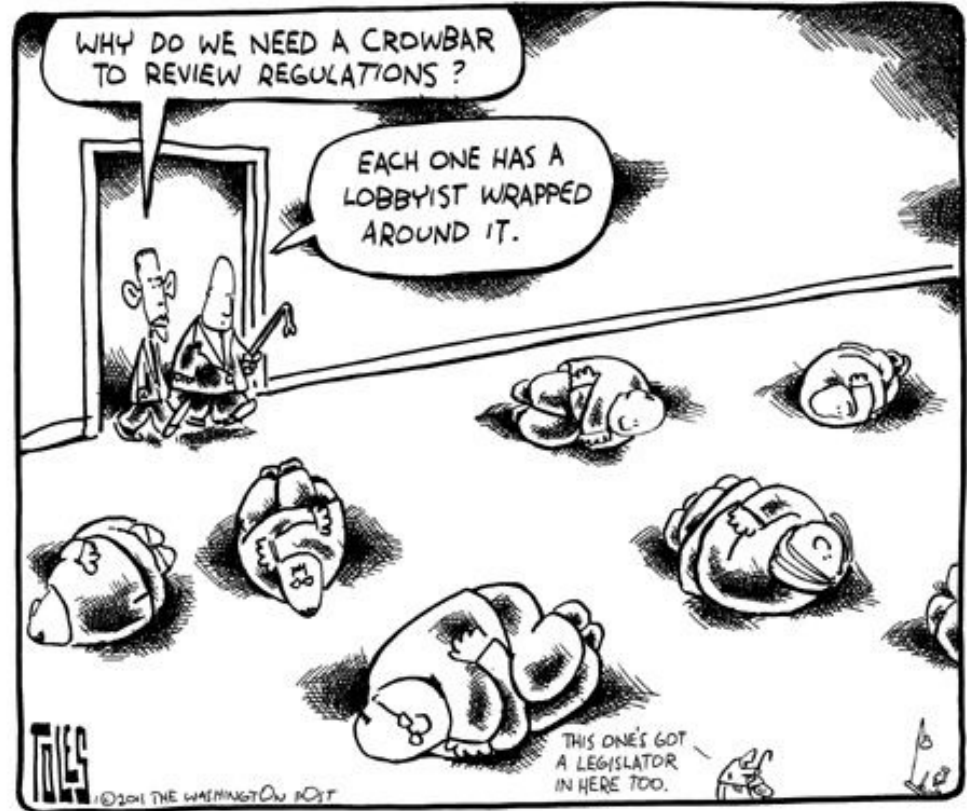
Delay

Write

the law

Lobbying is legal

Lobbying is not corrupting



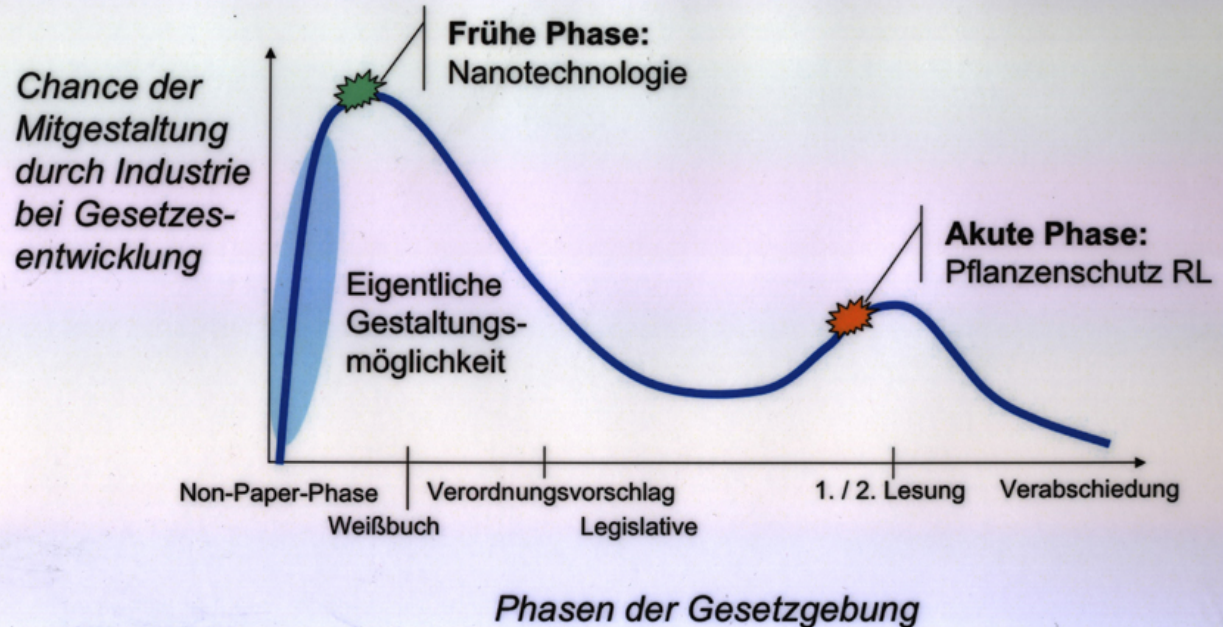
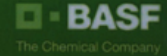
The a.b.c. of lobbying



the right message to
to the right person at
the right moment

The sooner the better

Mitgestaltung: Je früher, desto besser



Regulatory capture

“The **state** –the machinery and power of the state– is a potential resource or **threat** to every industry in the society.”

“**Regulation** is acquired by the industry and is designed and operated primarily for its **benefit**”.

(George Stigler, 1971)



Who the lobbyists are

- * **Companies and in-house lobbyists**

Bayer, BASF, Microsoft...

leaders

- * **Trade associations**

Business Europe, CEFIC, CosmeticsEurope, AmCham...

coordinators

- * **Lobbying and public relations consultancies**

APCO, Burson-Marsteller, Fleishman-Hillard...

**door openers
advisers**

- * **Law firms**

advisers

- * **Think tanks**

European Regulation & Innovation Forum, Kangaroo Group...



third parties

- * **Product defense consultancies**

Exponent, Gradient, Tera...

science washers

Product defense firms

ABOUT GRADIENT
SERVICES & PROJECTS
PEOPLE
EVOLVING ISSUES

NEWS & EVENTS
PUBLICATIONS
CAREERS
CONTACT US

Principals


Senior Scientists

Lisa A. Bailey
 Nicole L. Briggs
 Joel M. Cohen
 Travis J. Cook
 David G. Dodge
 Eric M. Dubé
 Grace I. Greenberg
 Mary L. Hixon
 Laura E. Kerper
 Jessie M. Kneeland
 Cynthia L. Langlois
 Julie G. Lemay
 Laurent G. Levy
 Tamara D. Luneman
 Heather N. Lynch
 Rosemary L. Mattiack
 David S. Mayfield
 Matthew J. Mayo
 Michael K. Peterson
 Danielle M. Pizzuto
 Margaret C. Pollock
 Robyn L. Prusoff
 Kathleen A. Radloff
 Jeffrey T. Rominger
 Kara R. Sealey
 Meghan H. Swamy
 Caroline D. Turt
 Matthew P. Tymchak
 Jiaru Zhang
 Kirsten (Sue) Zu

Research & Information Specialists


Senior Scientists

Gradient is proud to have a diverse, skilled, and well-trained technical staff who work collaboratively to manage our projects, perform research, and deliver innovative solutions with superior quality.




Lisa A. Bailey, Ph.D.
 Senior Toxicologist
Expertise
 Molecular Biology & Toxicology
 Carcinogenesis
 Mode-of-action Analyses
 Human Exposure
 Risk Assessment
 DNA Damage, Repair and Mutagenesis
 Weight of Evidence

[FULL BIO](#)




Nicole L. Briggs, Ph.D.
 Senior Air Quality Scientist
Expertise
 Exposure Assessment
 Air Dispersion Modeling
 Air Quality Monitoring
 Sources, Sinks, and Transport of Air Pollutants
 Climate Science

[FULL BIO](#)




Joel M. Cohen, Sc.D.
 Senior Toxicologist
Expertise
 Inhalation Toxicology
 Human Health Risk Assessment
 Product Safety
 Alternative Assessment
 Nanotechnology
 Skin Sensitization

[FULL BIO](#)




Travis J. Cook, Ph.D.
 Toxicologist
Expertise
 Metals
 Risk Assessment
 Toxicology
 Neurotoxicology
 Industrial Hygiene

[FULL BIO](#)




David G. Dodge, M.S., DABT, CIH
 Senior Toxicologist
Expertise
 Risk Communication
 Human Health Risk Assessment
 Litigation Support
 Applied Toxicology
 Occupational Exposure Assessment
 Industrial Hygiene

[FULL BIO](#)




Eric M. Dubé, M.P.H.
 Senior Environmental Health Scientist
Expertise
 Human Health Risk Assessment
 Exposure Study Design and Oversight
 Toxicology Study Management
 Pesticide Registration
 Science Support
 GRAS Notifications

[FULL BIO](#)




Grace I. Greenberg, M.P.H.
 Senior Environmental Toxicologist
Expertise

[FULL BIO](#)



Mary L. Hixon, Ph.D.
 Senior Toxicologist
Expertise
 Reproductive and Developmental

[FULL BIO](#)



Laura E. Kerper, Ph.D.
 Senior Toxicologist
Expertise
 Risk Assessment
 General and Molecular

[FULL BIO](#)

Chemicals We Have Worked On

In our projects, we have addressed chemicals ranging from naturally occurring substances to chemical process intermediates and from substances reflecting centuries of scientific observations to newly emerging concerns. The following list is a sample of some of the chemicals and exposures we have worked on:



Antimicrobials	Flame Retardants	Perchlorate
Arsenic	Formaldehyde	Pesticides
Asbestos	Heavy Metals	Petroleum Hydrocarbons
Barium	Lead	Pharmaceuticals
Benzene	Manganese	Plasticizers
Beryllium	Mercury	PM _{2.5}
Bisphenol A (BPA)	MGP Chemicals	Propellants
BTEX	MTBE	Radionuclides
Chlordane	Nanoparticles	SO ₂
Chromium	Naphthalene	Solvents
DDT	Nickel	Styrene
Diesel Exhaust	NO ₂	Tars
Dietary Supplements	Ozone	TCE
Dioxins	PAHs	Vinyl Chloride
DNAPL and LNAPL	PCBs	VOCs
EMF and RF	PCE	Perfluorinated Chemicals
Endocrine Disruptors	X-Rays	



Richard W. Klopp, Ph.D., P.E.

Principal Engineer

Menlo Park

Mechanical Engineering

(650) 688-6777

rklopp@exponent.com

[vCard](#)



David A. Krauss, Ph.D.

Principal Scientist

Los Angeles

Human Factors

Exponent[®]

Engineering and Scientific Consulting



Steven M. Kurtz, Ph.D.

Principal & Practice Director

Philadelphia

Biomedical Engineering



Harri K. Kytomaa, Ph.D., P.E.,
CFEI

Corporate Vice President &
Practice Director

Natick

Thermal

**around
500 PhDs & MDs**



James C. Lamb, IV, Ph.D.,
DABT, Fellow ATS

Principal Scientist

Alexandria

Toxicology &
Mechanistic Biology

jlamb@exponent.com



Robert C. Lange

Principal and Corporate Vice
President

Detroit

Vehicle Engineering

(248) 324-9107

rlange@exponent.com

[vCard](#)



Ronald M. Latanision, Ph.D.

Senior Fellow

Natick

Materials & Corrosion
Engineering

(508) 652-8560

rlatanision@exponent.com

[vCard](#)



R. Thomas Long, Jr., P.E., CFEI

Principal Engineer & Office
Director

Bowie

Thermal Sciences

(301) 291-2501

longrt@exponent.com

[vCard](#)



John D. Loud, P.E., CFEI

Principal Engineer

Menlo Park

Electrical Engineering &
Computer Science

(650) 688-7216

jloud@exponent.com

[vCard](#)



Steven B. MacLean, Ph.D., P.E.

Principal Engineer

Bowie

Polymer Science &

(585) 387-0327

smaclean@exponent.com

[vCard](#)

The targets

Executive power

Legislative power

Regulatory Agencies

Politicians

International organisations (WHO, FAO etc.)

Experts



The assault on science



How Does This Change Your Impression?



A doctor costume

Betsy Booren,
Director, scientific affairs
American Meat Institute



Betsy Booren, Ph. D.,
Director, scientific affairs
AMI Foundation



Ask the Meat Scientist

YouTube

Search

Browse



Meat News Network
meatnewsnetwork's Channel

Subscribe

All

Uploads

Favorites

*Ask the
Meat Scientist*

*...about preparing
hot dogs
for toddlers*



0:01 / 2:01



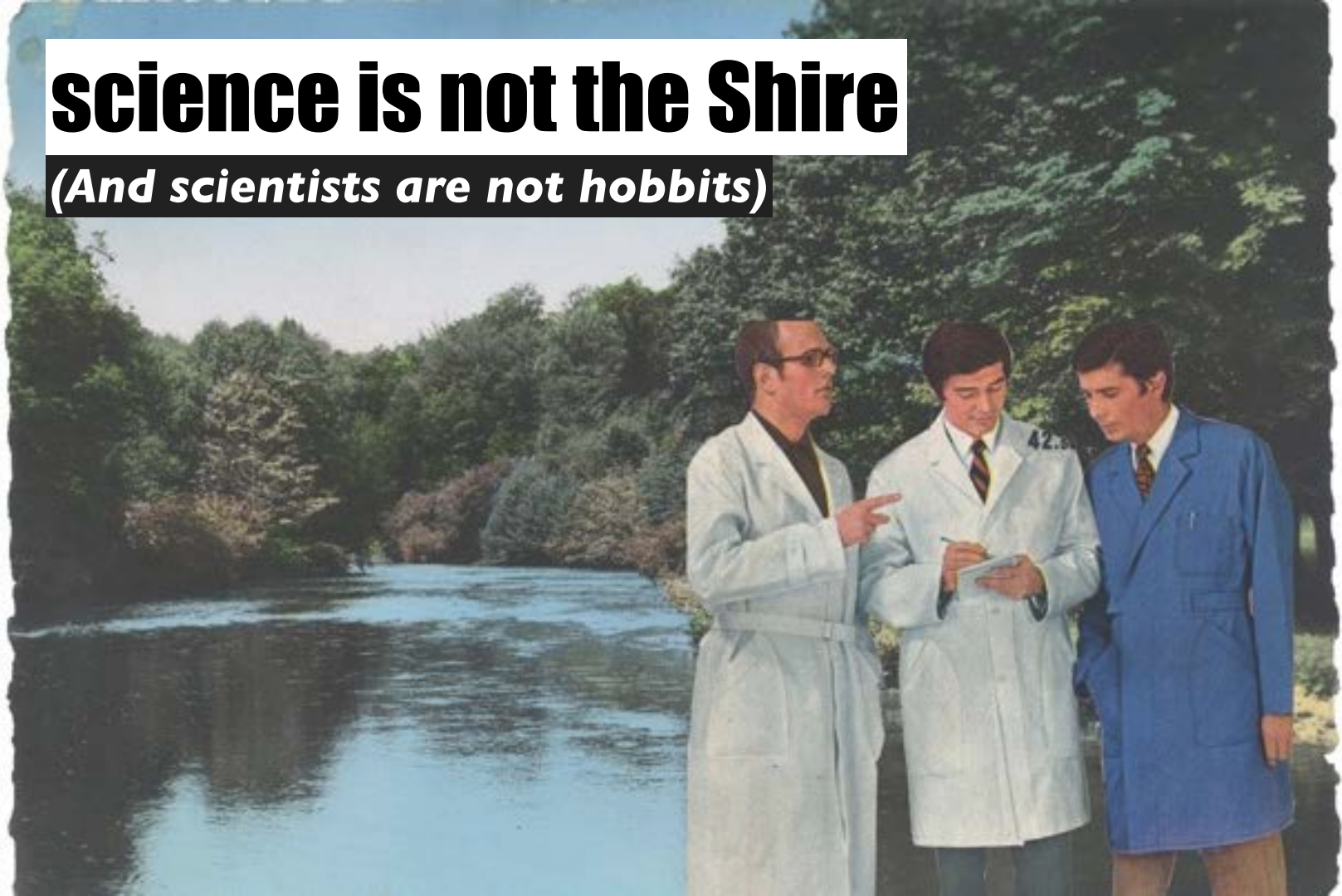
360p



2/3

science is not the Shire

(And scientists are not hobbits)



the profiteer of psychoanalysis



Edward Bernays
(1891-1995)
Freud's nephew



Propaganda in peace time
= Public relations / spin

third party strategy

**“The concept is:
People will believe me
more if you call me
doctor”**



THE SATURDAY EVENING POST

Serve up Swift's Premium Bacon
for the
Real American Breakfast!



Its Sweet Smoke Taste Makes

**Swift's
Premium
Bacon**

No other bacon quite comes up to the special flavor of Swift's Premium Bacon. This matchless bacon is given a slow, lingering smoking over hardwood fires for a can't-be-copied sweet smoke taste that all America loves.

When you fix the Real American Breakfast tomorrow, serve it up with stacks of Aunt Jemima's, Log Cabin Syrup, golden butter, Birds Eye Orange Juice, your favorite coffee and, of course, Swift's Premium Bacon. There's wonderfuleating!



America's Favorite Bacon!



the “tobacco playbook”

a toolbox of influence tactics

December 1953

- lie about the harm of cigarette
- instrumentalise science

100,000,000 deaths 20th

1,000,000,000 deaths 21th*

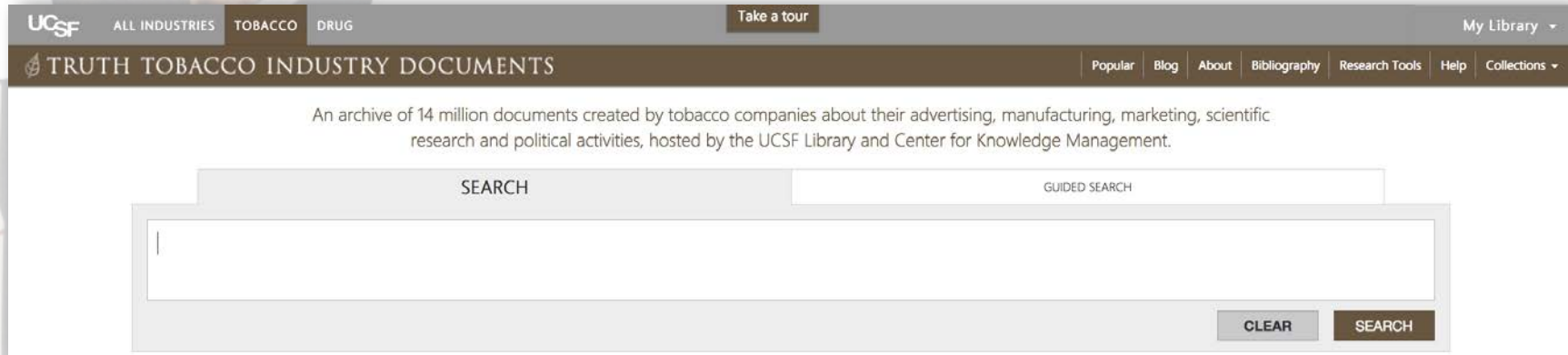
* Source: [WHO](#)

A brief history of scientific disinformation

1990s Civil lawsuit against 4 tobacco companies* by 46 US States

1998 Master Settlement Agreement

14 millions documents in [UCSF database, aka The Cigarette Papers](#)



The screenshot shows the UCSF Truth Tobacco Industry Documents website. The header includes the UCSF logo, navigation tabs for 'ALL INDUSTRIES', 'TOBACCO', and 'DRUG', and a 'Take a tour' button. The main title is 'TRUTH TOBACCO INDUSTRY DOCUMENTS'. Below this, a description states: 'An archive of 14 million documents created by tobacco companies about their advertising, manufacturing, marketing, scientific research and political activities, hosted by the UCSF Library and Center for Knowledge Management.' The search interface features a 'SEARCH' button, a 'GUIDED SEARCH' link, a large text input field, and 'CLEAR' and 'SEARCH' buttons at the bottom right.

* Philip Morris Inc., R. J. Reynolds, Brown & Williamson and Lorillard

doubt is their product

SMOKING AND HEALTH PROPOSAL

What we want to do this morning is to take a summary look at the
smoking and health question and then make a proposal to you for a B&W
project to counter the anti-cigarette forces.

Doubt is our product since it is the best means of competing with the
"body of fact" that exists in the mind of the general public. It is also
the means of establishing a controversy. Within the business we

and how we came to conflict with the awesome forces of the federal
government.

[See original document](#)



manufacturing doubt - the recipe



- 1) **Multicausality**: the disease(s) often have many origins, but it is never their product.
- 2) **Controversy**: there is no scientific consensus on the product's harmful effect(s).
- 3) **Proof**: science is reduced to a demonstration of cause and effect.
- 4) **Correlation**: a multitude of confounding factors prevent us from concluding. Besides, life itself ends up killing you.

creating ignorance

1954 - 1998

Tobacco Industry sponsored **6,400** scientific articles for **\$300M**.
None showed causality between cigarette and lung cancer.

Social construction of ignorance or “Agnotology” ([Proctor 2008](#))



a corporate play book

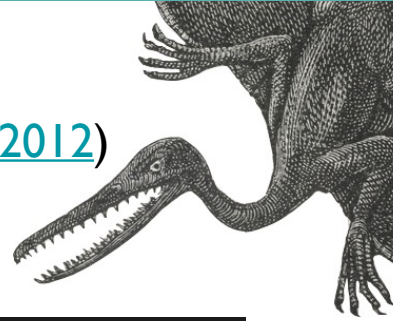
Corporations fight against “uncomfortable knowledge” ([Steve Rayner 2012](#))

They create **controversies** by:

- highlighting **uncertainty**
- **minimizing** evidence coming from independent science
- **attacking** and **undermining** the reputations of scientists & organisations

Corporate tactics on science derive from the Tobacco matrix

⇒ **the “corporate disinformation play book”**



books and academia



'To quarterback behind the scenes, third-party efforts': the tobacco industry and the Tea Party

Amanda Fallin, Rachel Grana, Stanton A Glantz

ABSTRACT
Background The Tea Party, which gained prominence in the USA in 2009, advocates limited government and low taxes. Tea Party organisations, particularly Americans for Prosperity and FreedomWorks, oppose smoke-free laws and tobacco taxes.

Methods We used the Legacy Tobacco Documents Library, the Wayback Machine, Google, LexisNexis, the Center for Media and Democracy and the Center for Responsive Politics (prosecre.org) to examine the tobacco companies' contributions to the Tea Party.

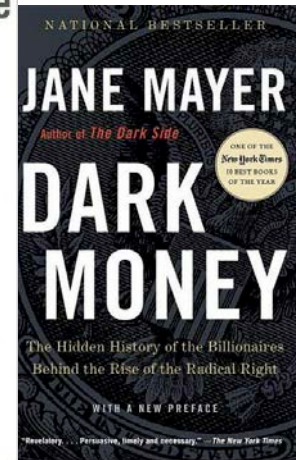
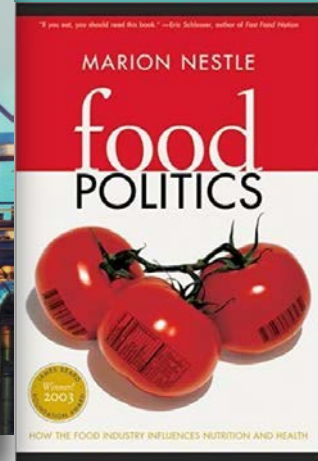
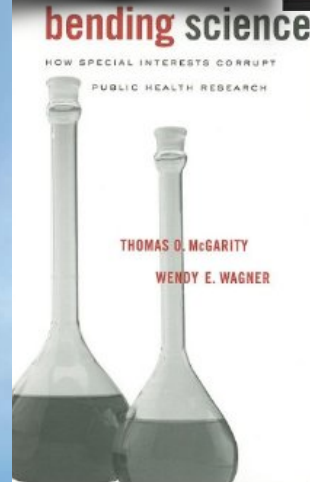
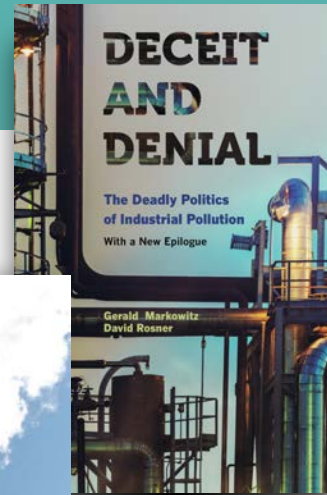
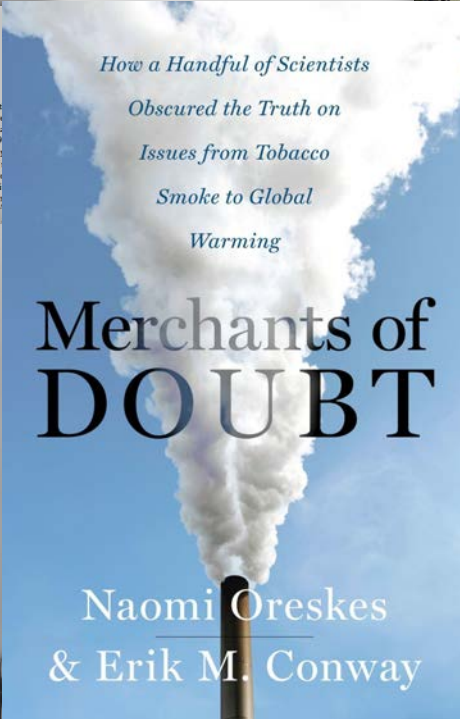
Results Starting in 2006, tobacco companies began to create tobacco control grassroots smoke-free laws and such as Citizens of AFP and Free and political age. Key players, such as Tea Party orgs, was beginning to. **Conclusions** A movement that is Tea Party has decades of work corporate interest advocates in the and counter tea policies and ensue.

Copyrighted Material

**DOUBT
IS
THEIR
PRODUCT**

How Industry's Assault on Science
Threatens Your Health

David Michaels



Woolverton P. 2009; State and Robertson GE. Star-News; M. Emerling G. S. Washington J. Hanna J. Cause Wire2010; Star Public Citizens. FDA by center Beckner P. F. Morris1995;2. Pierce JJ. Issue Citizens for a Morris1995;2. Beckner P. U. Morris1995;2. Citizens for a Administration and Citizens f Beckner P. [letter from Paul Beckner with Citizens for a Sound Economy to Representative Dennis Hastert]Philip Morris1999. Contact: Peggy Venable. CSE News. Activists tell legislators lawsuit abuse must end. Texas CSE launches radio ad campaign in four media markets Philip Morris1999. Field Action Team. Field action team quality contacts report 106th Congress Volume III Philip Morris1999-2072104990-2072105640. Armistead W. Capitol Comment: Federal mass tort litigation: An insidious abuse of power. Citizens for a Sound Economy; 1999. Field Action Team. Field Action Team Quality Contacts Report 106th Congress Volume IV Philip Morris1999. Lambro D. GOP derides Justice's tobacco lawsuit as 'political play'. *The Washington Times*. September 23, 1999; A: 13. Thomas K. Legislators call for reforms aimed at frivolous lawsuits skyrocketing damages. *Associated Press*. 20 Jan 2000; 2000. Coalition for Legal Reform. [letter from the Coalition for Legal Reform to Majority Leader Trent Lott]2000;2081266562-2081266563. Thomas J. Time for a priority check at the department of Justice. Citizens for a Sound Economy; 10 Jan 2002 2002. Citizens for a Sound Economy. CSE Capitol Connect: Time for a priority check at the Department of Justice Philip Morris2002. American Political Network Inc. New Jersey: Lawmakers battle over charity care. *Health Line*1995;State Lines: 2046573176/2046573177. Beckner P. [letter from Paul Beckner with Citizens for a Sound Economy to Governor Christine Whitman of New Jersey]Philip Morris1995-2046039534/2046039535.



**now, you're
the experts**

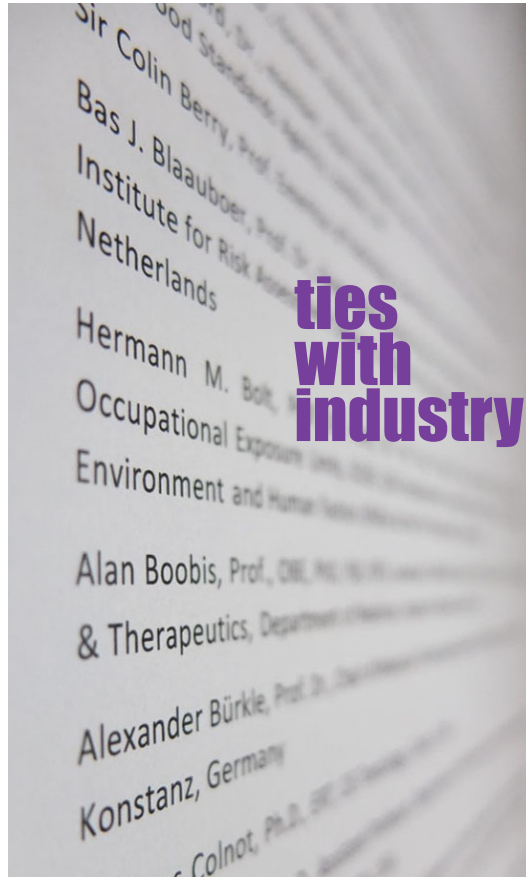
Tools and reflexes

- State of the science on the topic
- Regulatory or legal context
- Authors' affiliations
- Disclosures / Conflict of interest
- Funding (funding effect)
- Wikis and litigation documents
- Taxonomies of tactics



Don't be impressed by a scientific title or a white coat

state of the science



**competent
scientific
community**

**independent
research**

ENDOCRINE
SOCIETY



regulatory/legal context

Monsanto Manuscript Clearance Form Global Regulatory

NOTE: *this form needs to be completed and submitted for review at least 4 weeks prior to manuscript submission and a minimum of 2 weeks prior to abstract/presentation submission*

Questions regarding completion of this form can be directed to Jeanna Graf (4-2011) or Kevin Glenn (4-4242)

Lead Author's Comments: (Please provide information on **purpose of presentation/publication** and any relevant patents or manuscript disclosures.) This manuscript provide a comprehensive quality check on the large number of genotoxicity publications on glyphosate since the Williams et al. (2000) glyphosate toxicology review manuscript. This work falls under the scope of the EU Glyphosate Task Force and will be a valuable resource in future product defense against claims that glyphosate is mutagenic or genotoxic.

9/2012

☐ Abstract

when? This
Williams et al.

Atty review)

Title: Review of Genotoxicity of Glyphosate and Glyphosate Based Formulations

Author(s): David Saltmiras, Larry Kier (consultant)

Author Handling Correspondence: David Saltmiras

Mail Zone: C1NA **Phone:** 4 8856

the “experts”

- Beware of Everythingologists
- Affiliation abuse
- Emeritus for rent
- Ghostwriters

How independent is this scientific article?

Level 1

Toxicology Letters xxx (2013) xxx–xxx



Contents lists available at ScienceDirect

Toxicology Letters

journal homepage: www.elsevier.com/locate/toxlet



Endocrine disruption: Fact or urban legend?

Gerhard J. Nohynek^{a,*}, Christopher J. Borgert^b, Daniel Dietrich^c, Karl K. Rozman^d

^a Les Caillons, 58460 Corvol, L'Orgueilleux, France

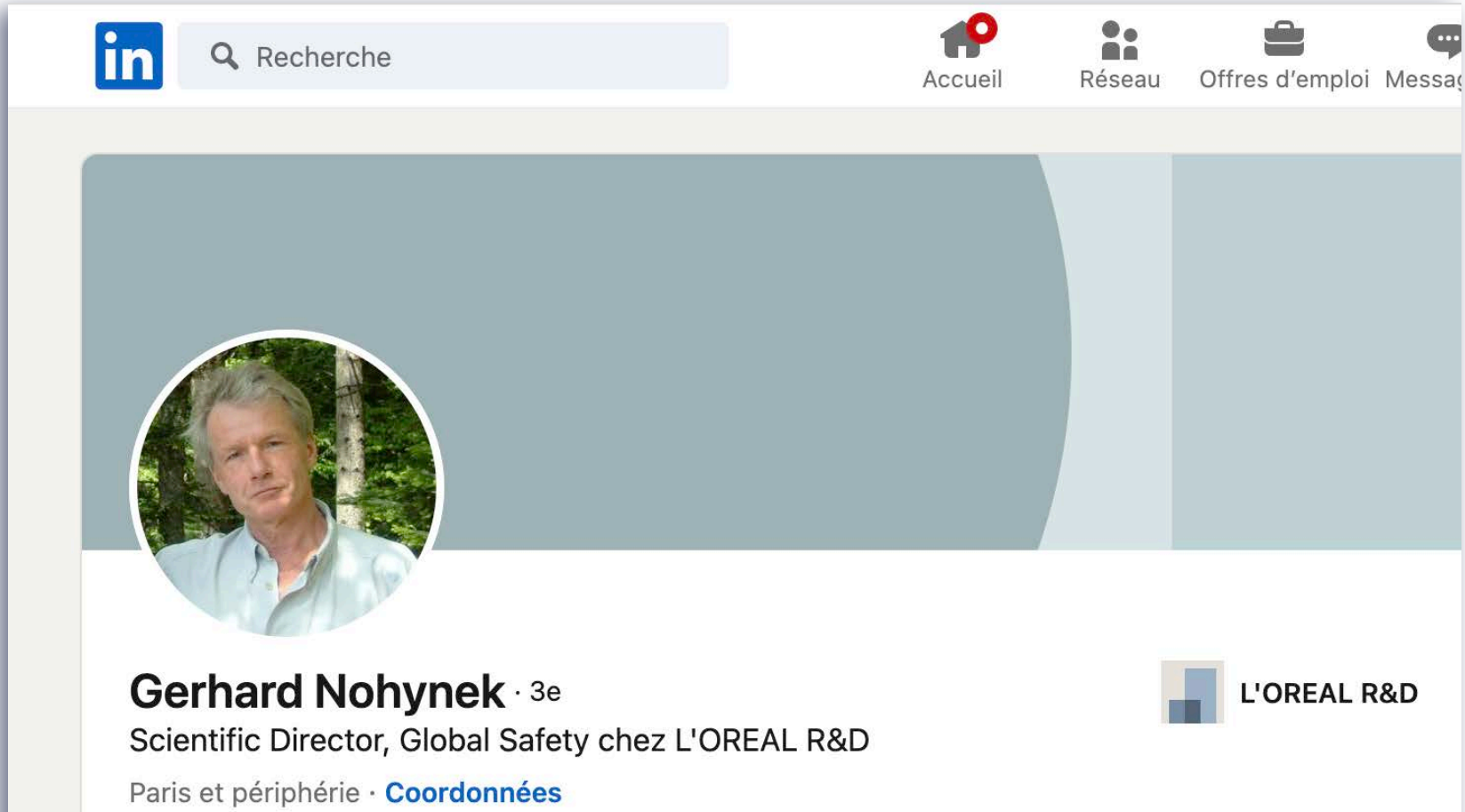
^b Center for Environmental and Human Toxicology, Department of Physiological Sciences, University of Florida College of Veterinary Medicine, Gainesville, 32605 FL, United States

^c Faculty of Biology, University of Konstanz, 78457 Konstanz, Germany

^d University of Kansas Medical Center, Department of Pharmacology, Toxicology and Therapeutics, Kansas City, KS 66160, United States

HIGHLIGHTS


who are you, Gerhard Nohynek ?



The image is a screenshot of a LinkedIn profile page. At the top, there is a navigation bar with the LinkedIn logo on the left, a search bar labeled "Recherche", and four icons on the right: a home icon labeled "Accueil", a network icon labeled "Réseau", a briefcase icon labeled "Offres d'emploi", and a speech bubble icon labeled "Messages". Below the navigation bar is a large blue banner image. On the left side of the banner is a circular profile picture of a man with grey hair, wearing a light blue shirt, standing in front of green foliage. Below the banner, the profile information is displayed. The name "Gerhard Nohynek" is in bold black text, followed by "· 3e". Below the name is the text "Scientific Director, Global Safety chez L'OREAL R&D". At the bottom left, it says "Paris et périphérie · Coordonnées". On the right side, there is a small square logo with blue and grey geometric shapes, followed by the text "L'OREAL R&D".

in Recherche


Accueil Réseau Offres d'emploi Messages



Gerhard Nohynek · 3e

Scientific Director, Global Safety chez L'OREAL R&D

Paris et périphérie · [Coordonnées](#)

 L'OREAL R&D

¹ Endocrine disruption: Fact or urban legend?

² **q1** Gerhard J. Nohynek^{a,*}, Christopher J. Borgert^b, Daniel Dietrich^c, Karl K. Rozman^d

³ ^a Les Caillons, 58460 Corvol, L'Orgueilleux, France

⁴ ^b Center for Environmental and Human Toxicology, Department of Physiological Sciences, University of Florida College of Veterinary Medicine, Gainesville,

behaviour? Would not terms, such as *feminisation of males*, *reduced penis length and size* or a *declining male fertility* mainly strike male imaginations and sensitivities – and, after all, most researchers in the field of EDCs and, more importantly, politicians handing our research funds are *men*. Could this be a coincidence? One may wonder whether the entire issue of EDC is more within the competence of Dr. Sigmund Freud than that of toxicology.

—> **Disclosures are not enough**

Conflict of interest

The opinions forwarded in the article represent personal opinions of the authors and are proposed with the aim to improve the safety assessment of personal care products. The authors received no support or compensation for writing the article. They therefore declare no conflict of interest.

- Sometimes disclosures do not reflect reality
- There is no sanction in case of omissions and errors

How independent is this 2016 glyphosate review?

Level 2



Glyphosate rodent carcinogenicity bioassay expert panel review

Gary M. Williams, Colin Berry, Michele Burns, Joao Lauro Viana de Camargo & Helmut Greim

Glyphosate epidemiology expert panel review: a weight of evidence systematic review of the relationship between glyphosate exposure and non-Hodgkin's lymphoma or multiple myeloma

John Acquavella, David Garabrant, Gary Marsh, Tom Sorahan & Douglas L. Weed

A review of the carcinogenic potential of glyphosate by four independent expert panels and comparison to the IARC assessment

Gary M. Williams, Marilyn Aardema, John Acquavella, Sir Colin Berry, David Brusick, Michele M. Burns, Joao Lauro Viana de Camargo, David Garabrant, Helmut A. Greim, Larry D. Kier, David J. Kirkland, Gary Marsh, Keith R. Solomon, Tom Sorahan, Ashley Roberts & Douglas L. Weed

Glyphosate in the general population and in applicators: a critical review of studies on exposures

Keith R. Solomon

Genotoxicity Expert Panel review: weight of evidence evaluation of the genotoxicity of glyphosate, glyphosate-based formulations, and aminomethylphosphonic acid

David Brusick, Marilyn Aardema, Larry Kier, David Kirkland & Gary Williams

—> Context

March 2015, the International Agency for research on Cancer (IARC), a UN agency, classified glyphosate as “***probably carcinogenic to humans***” (Group 2A).



—> **Can
Intertek
be neutral?**

Declaration of interest

The employment affiliation of the authors is as shown on the cover page. However, it should be recognized that each individual participated in the review process and preparation of this paper as an independent professional and not as a representative of their employer.

The expert panel Members recruitment and evaluation of the data was organized and conducted by Intertek Scientific & Regulatory Consultancy (Intertek). The expert panelists were engaged by, and acted as consultants to, Intertek, and were not directly contacted by the Monsanto Company. Funding for this evaluation was provided to Intertek by the Monsanto Company, which is a primary producer of glyphosate and products containing this active ingredient. Neither any Monsanto company employees nor any attorneys reviewed any of the expert panel's manuscripts prior to submission to the journal.

Intertek (previously Cantox) is a consultancy firm that provides scientific and regulatory advice, as well as safety and efficacy evaluations for the chemical, food, and pharmaceutical industries. While Intertek has not

Funding effect (Krimsky 2005)

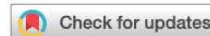
- **Tobacco:** 90 times
- **Alachlor, atrazine, formaldehyde, perchloroethylene:**
60% independent studies found harmful effects
vs 14% industry-funded studies
- **Atrazine:** 50% vs 29%
- **Bisphenol-A:** 119 independent vs 0 industry-funded
- Sugar-sweetened beverages: 5 times more association with obesity

Message

From: HEYDENS, WILLIAM F [AG/1000] [/O=MONSANTO/OU=NA-1000-01/CN=RECIPIENTS/CN=230737]
Sent: 2/9/2016 11:43:08 PM
To: Ashley Roberts Intertek [REDACTED]
Subject: RE: summary article
Attachments: Summary Manuscript Draft 2 0 Feb 5 2016_jfa_wfh.docx

OK, I have gone through the entire document and indicated what I think should stay, what can go, and in a couple spots I did a little editing. I took a crack at adding a little text on page 10 to address John's comments about toxicologists' use





Corrigendum

Article title: A review of the carcinogenic potential of glyphosate by four independent expert panels and comparison to the IARC assessment.

Authors: Williams, G. M., Aardema, M., Acquavella, J., Berry, C., Brusick, D., Burns, M. M., de Camargo, J. L. V., Garabrant, D., Greim, H. A., Kier, L. D., Kirkland, D. J., Marsh, G., Solomon, K. R., Sorahan, T., Roberts, A., & Weed, D. L.

Journal: *Critical Reviews in Toxicology*

Bibliometrics: Volume 46(S1), pages 3–20, Year 2016

DOI: <http://dx.doi.org/10.1080/10408444.2016.1214677>

When this article was originally published on 28th September 2016, the contributions, contractual status and potential competing interests of all authors and non-author contributors were not fully disclosed to Critical Reviews in Toxicology. Specifically, the Acknowledgements and Declaration of Interest were not complete. After further clarification from the authors, these sections are corrected to reflect the full contributions, contractual status and, potential competing interests of all authors and non-author contributors and read as follows:

ghostwriting



A review of the carcinogenic potential of glyphosate by four independent expert panels and comparison to the IARC assessment

Gary M. Williams, Marilyn Aardema, John Acquavella, Sir Colin Berry, David Brusick, Michele M. Burns, Joao Lauro Viana de Camargo, David Garabrant, Helmut A. Greim, Larry D. Kier, David J. Kirkland, Gary Marsh, Keith R. Solomon, Tom Sorahan, Ashley Roberts & Douglas L. Weed

Glyphosate rodent carcinogenicity bioassay expert panel review

Gary M. Williams, Colin Berry, Michele Burns, Joao Lauro Viana de Camargo & Helmut Greim

Glyphosate epidemiology expert panel review: a weight of evidence systematic review of the relationship between glyphosate exposure and non-Hodgkin's lymphoma or multiple myeloma

John Acquavella, David Garabrant, Gary Marsh, Tom Sorahan & Douglas L. Weed

Genotoxicity Expert Panel review: weight of evidence evaluation of the genotoxicity of glyphosate, glyphosate-based formulations, and aminomethylphosphonic acid

David Brusick, Marilyn Aardema, Larry Kier, David Kirkland & Gary Williams

From: HEYDENS, WILLIAM F [AG/1000]

Sent: Monday, May 11, 2015 5:36 PM

To: KOCH, MICHAEL S [AG/1000]; FARMER, DONNA R [AG/1000]; HODGE-BELL, KIMBERLY C [AG/1000]; SALTMIRAS, DAVID A [AG/1000]

Subject: RE:

Post-IARC Activities to Support Glyphosate

All,

Here is what I think I heard (and 1 question) in our meeting today – please send any corrections/additions

Conduct & publish Meta-analysis

- We will recommend proceeding with this

Publish updated AHS study data

- We will recommend proceeding with this
- David will check at HARC meeting next week if there is interest in CLA requesting data for all chemistries

Genetox/MOA

- Set-up 1 hr meeting with Gary Williams & Larry Kier to better understand what could be done (who had this action item?) I think this was Donna's action item.

- Manuscript to be initiated by MON as ghost writers
- It was noted this would be more powerful if authored by non-Monsanto scientists (e.g., Kirkland, Kier, Williams, Greim and maybe Keith Solomon)

Greim “et al.” (indeed) 2015

REVIEW ARTICLE

Evaluation of carcinogenic potential of the herbicide glyphosate, drawing on tumor incidence data from fourteen chronic/carcinogenicity rodent studies

Helmut Greim¹, David Saltmiras^{2,6}, Volker Mostert^{4,5}, and Christian Strupp^{3,6}

¹Technical University Munich, Arcisstr. 21, 80333 Munich, Germany, ²Monsanto Company, 800 North Lindbergh Blvd., 63167 St. Louis, MO, USA,

³ADAMA MAH BV Amsterdam NL Schaffhausen Branch, Spitalstrasse 5, 8200 Schaffhausen, Switzerland, ⁴Knoell Consult GmbH, Dynamostr. 19, 68165 Mannheim, Germany, ⁵Extera, Nelly-Sachs-Str. 37, 40764 Langenfeld, Germany, and ⁶Glyphosate Task Force, <http://www.glyphosatetaskforce.org/>





David Saltmiras

Sent:

8/4/2015 2:13:30 PM

Subject:

Glyphosate Activities

, ghostwrote cancer review paper Greim et al. (2015),

How independent is this scientific article?

Level 3



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Regulatory Toxicology and Pharmacology

journal homepage: www.elsevier.com/locate/yrtph



Critical comments on the WHO-UNEP State of the Science of Endocrine Disrupting Chemicals – 2012



James C. Lamb IV^{a,*}, Paolo Boffetta^b, Warren G. Foster^c, Julie E. Goodman^d, Karyn L. Hentz^a, Lorenz R. Rhomberg^d, Jane Staveley^a, Gerard Swaen^e, Glen Van Der Kraak^f, Amy L. Williams^a

^a Exponent, 1800 Diagonal Road, Suite #500, Alexandria, VA 22314, USA

^b The Tisch Cancer Institute and Institute for Translational Epidemiology, Icahn School of Medicine at Mount Sinai, 17 East 102 Street Floor West Tower, 5th Floor Room 5-142, New York, NY 10029, USA

^c Department of Obstetrics & Gynecology, McMaster University, 1280 Main Street West, Hamilton, ON L8S 4K1, Canada

^d Gradient, 20 University Road, Cambridge, MA 02138, USA

^e Exponent, The Lenz, 1st Floor, Hornbeam Park, Harrogate HG2 8RE, UK

^f Department of Integrative Biology, University of Guelph, Guelph, ON N1G 2W1, Canada

affiliations and disclosure



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Critical comments on the WHO-UNEP State of the Science of Endocrine Disrupting Chemicals – 2012



CrossMark

James C. Lamb IV^{a,*}, Paolo Boffetta^b, Warren G. Foster^c, Julie E. Goodman^d, Karyn L. Hentz^a, Lorenz R. Rhomberg^d, Jane Staveley^a, Gerard Swaen^e, Glen Van Der Kraak^f, Amy L. Williams^a

^a **Exponent**, 1800 Diagonal Road, Suite #500, Alexandria, VA 22314, USA

^b The Tisch Cancer Institute and Institute for Translational Epidemiology, Icahn School of Medicine at Mount Sinai, 17 East 102 Street Floor West Tower, 5th Floor Room 5-142, New York, NY 10029, USA

^c Department of Obstetrics & Gynecology, McMaster University, 1280 Main Street West, Hamilton, ON L8S 4K1, Canada

^d **Gradient**, 20 University Road, Cambridge, MA 02138, USA

^e **Exponent**, The Lenz, 1st Floor, Hornbeam Park, Harrogate HG2 8RE, UK

^f Department of Integrative Biology, University of Guelph, Guelph, ON N1G 2W1, Canada



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Detroit
Vehicle Engineering



Ronald M. Latanision, Ph.D.

Senior Fellow

Natick
Materials & Corrosion
Engineering



R. Thomas Long, Jr., P.E., CFEI

Principal Engineer & Office
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John D. Loud, P.E., CFEI

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Sponsor

This review has been conducted with funding support from several sponsors: American Chemistry Council (ACC), CropLife America (CLA), CropLife Canada (CLS), CropLife International (CLI), European Chemical Industry Council (Cefic), and European Crop Protection Association (ECPA). These sponsors were provided an opportunity to review a draft of the paper and offer comments for consideration by the authors.

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SPEER Suzanne (BEPA)

From: [REDACTED]@cefic.be> on behalf of [REDACTED]@cefic.be>
Sent: Monday 17 March 2014 16:32
To: [REDACTED] (ENV); [REDACTED] (ENV); [REDACTED] (ENTR); [REDACTED] (ENTR); [REDACTED] (ENTR); [REDACTED] (SANCO); [REDACTED]@ec.europa.eu; [REDACTED] (SANCO); [REDACTED] (SANCO); EC CSA; [REDACTED]@ec.europa.eu.; [REDACTED]@ec.europa.eu; [REDACTED] (TRADE); [REDACTED] (TRADE); [REDACTED] (TRADE); [REDACTED] (TRADE); [REDACTED]@ec.europa.eu; [REDACTED] (RTD); [REDACTED] (RTD); [REDACTED] (RTD); [REDACTED] (SG); [REDACTED] (AGRI); [REDACTED] (AGRI); [REDACTED] (AGRI); [REDACTED]@ec.europa.eu; [REDACTED]@ec.europa.eu; [REDACTED] (JRC-ISPRA); [REDACTED] (JRC-ISPRA); [REDACTED] (SG); [REDACTED] (SG)
Cc: [REDACTED] - ECPA (European Crop Protection Association)
Subject: Review of the WHO-UNEP State of the Science on Endocrine Disrupting Chemicals 2012
Attachments: Joint statement from ACC Cefic CLA CLC CLI ECPA on review of WHO-UNEP r....pdf; FINAL Report - Critical Review of WHO-UNEP 2012 State of the Science onpdf

Importance: High

Dear Sir or Madam,

Re: Review of the WHO-UNEP State of the Science on Endocrine Disrupting Chemicals 2012

In early 2013 the United Nations Environment Programme (UNEP) and the World Health Organization (WHO) published a report entitled, "State of the Science on Endocrine Disrupting Chemicals – 2012" which was accompanied by a "Summary for Decision Makers". At the time the general chemicals and crop protection products industries both in Europe and the US held significant concerns with the report(s). Our industries therefore jointly commissioned a scientific review of the WHO-UNEP report which has now been published in the scientific journal Regulatory Toxicology and Pharmacology.

Taxonomies of corporate tactics

RESEARCH

Open Access

Corporations' use and misuse of evidence to influence health policy: a case study of sugar-sweetened beverage taxation



Gary Jonas Fooks^{1*} , Simon Williams¹, Graham Box² and Gary Sacks³

Table 1 Agnogenic practices and techniques by soft drink manufacturers in the consultation on South Africa's proposed sugar-sweetened beverages policy

Practices	Techniques	Description
Confounding Referencing		<ul style="list-style-type: none">• The misleading use of references which either overstates or gives an entirely false impression of support for a claim or obstructs evidence appraisal.
	Cryptic references	<ul style="list-style-type: none">• An opaque reference that provides insufficient information to easily locate the original source and which serves to obstruct evidence appraisal.
	Faux sources / False authority	<ul style="list-style-type: none">• A <i>faux source</i> involves providing an incorrect source for key data. The concept overlaps with an appeal to a <i>false authority</i>, where an alleged authority is used as evidence to support a claim, which, in fact, is not an authority on the facts relevant to the claim.

Questions?

Thank you for your attention

