# Perspective from Direct Consumer Communication on Inherent Contaminants

James E. Rogers, Ph.D.

Director, Food Safety Nutrition and Testing

**Consumer Reports** 

JIFSAN-CFS3 Advisory Council Virtual Annual Symposium Understanding of the Impact of Arsenic, Cadmium, and Lead Across the Food Supply



# Who is Consumer Reports?

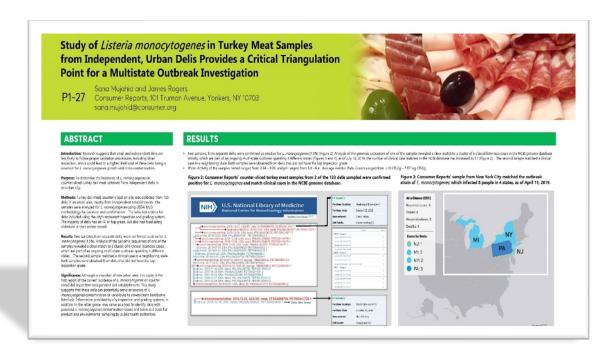
Consumer Reports is an independent, nonprofit organization that works side by side with consumers to create a fairer, safer, and healthier world

#### CR's science-based food safety research and testing advances our mission by:

- Testing where there is little to no testing being performed.
- Providing information to consumers on the food safety system.
- Requiring accountability of:
  - Food producers
  - Governments
  - Label claims



## **Recent Studies**



#### **Leafy Greens With** Listeria Sold at Major **Supermarkets**

Consumer Reports found the bacteria in prewashed and unbagged products. Here's how to stay safe when eating greens.

By Trisha Calvo July 26, 2019











A lab technician preparing samples in Consumer Reports' recent tests of leafy greens.

#### **Arsenic and Lead Are in Your Fruit Juice: What** You Need to Know

CR finds concerning levels of heavy metals in almost half of tested juices. Here's how to protect yourself and your family.

By Jesse Hirsch Last updated: January 30, 2019

193 SHARES











# **Exploring Effective Messaging Strategies for Changing Consumer Food Behaviors Behavior Change Strategies in the Field**

**Jeff Niederdeppe**, Cornell University, Professor and Director of Graduate Studies, Department of Communication, College or Agriculture and Life Sciences

- 1. Clear messages\*, repeated often, through multiple channels, from diverse sources, over a long period of time
- 2. Think about the outcome you want to achieve and work backwards

\* As simple as possible, but recognizing that sometimes complexity is essential



# Population distribution in the United States in 2019, by generation

Generation	Birth Range	Percentage
The Greatest Generation	before 1928	.52%
The Silent Generation	1924-1945	6.36%
The Baby Boomer Generation	1946-1964	21.19%
Generation X	1965-1980	19.85%
The Millennial Generation	1981-1996	21.97%
Generation Z	1997-2012	20.46%

# **CR Food Safety Reporting**

- Selection of samples is based on market analysis data of the most purchased brands + samples of importance + location of sales
  - Spices from bodegas, African and Middle Eastern stores

- Identification of brands, including pictures of the products in the story
- Recommendations based on testing results of what products to consider to purchase/avoid/reduce



# A Risk-Based Approach to Select and Design Studies on Microbial and Chemical Food Safety Hazards

Publication review, internal and external consultations

Study Design RFPcontract laboratories and/or academic laboratories Testingpublished methods, FDA BAM, USDA MLG

Internal data analysis Publications-CR content, conferences, peer-reviewed journals

Advocacy



# The Consumer Reports Model

• The W's and the H's

- What did we test?
- Why did we test?
- How did we test?
- What did we find?
- What does it mean to you as a consumer/mom and dads/etc?
- What can you do?
- How can you get involved?



# **CR Food Safety Reporting**

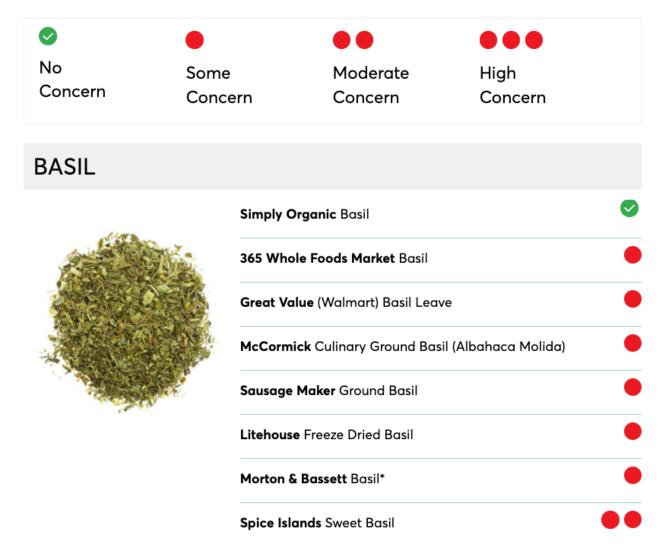
General consumption advice

- If manufacturers reformulate and retest, so will we, if informed
  - Earth's Best Organic Infant Rice Cereal, Gerber's Single-Grain Rice Baby Cereal and Organic Single-Grain Rice Baby Cereal

- Alternatives to products that tested high
  - Grow your own spices
  - Substitutions



# **Report Results Using Graphics**





## What can Parents Do?

- Limit the amount of infant rice cereal your child eats.
- Choose the right rice.
- Rethink rice prep.
- Limit packaged snacks.
- Seek out whole foods low in heavy metals.
- Be wary of fruit juice.

#### What can Parents Do?

- Go easy on the chocolate.
- Pick the right fish.
- Take a pass on protein powders.
- Check your water.
- Eat a broad array of healthful whole foods.

## What Manufacturers Should Do

- Children's food manufacturers don't have to wait for the FDA before they reduce the heavy metal content of their products.
  - Self-regulate

- One step they can take is to source their ingredients from areas that are less likely to be contaminated.
  - Usually based on our testing data of multiple brands



## **How Can I Get Involved?**

https://advocacy.consumerreports.org/issue/food/

#### Get Involved





#### Be in the Know

Join our Consumer Impact Newsletter list to stay on top of the issues that matter most to consumers.

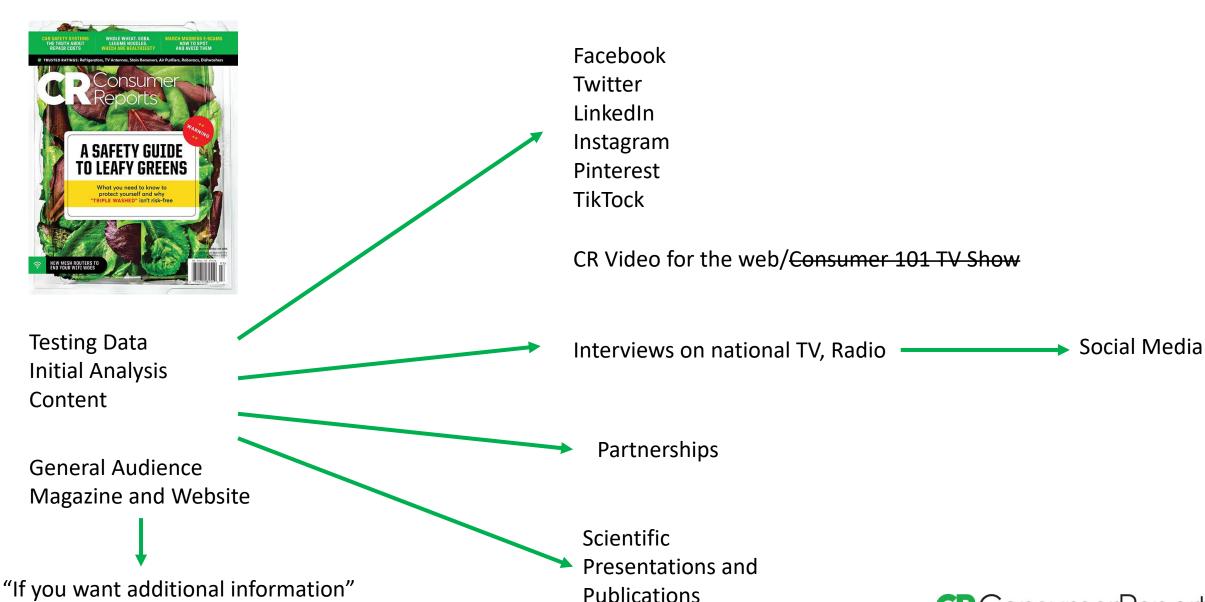
Sign up now

#### Here's What We're Working On

Download our Consumer Agenda to learn more about the issues we're working on today.

Download

# Frame Your Food Safety Message on Multiple Levels



Deeper Dive via links to more information

**CR**ConsumerReports<sup>®</sup>



- The magazine readership skews Older (along with Facebook)
- Cannot get too "science-y"
- Must write at the appropriate level
- Accept that not all messaging will have broad audience appeal
  - Baby Food appealing to parents only?



#### **CR Social**

Facebook: <a href="https://www.facebook.com/ConsumerReports/">https://www.facebook.com/ConsumerReports/</a>

Facebook Live

**Twitter:** <a href="https://twitter.com/ConsumerReports">https://twitter.com/ConsumerReports</a>

Twitter Chats

Instagram: <a href="https://www.instagram.com/consumerreports/">https://www.instagram.com/consumerreports/</a>

Pinterest: <a href="https://www.pinterest.com/consumerreports/">https://www.pinterest.com/consumerreports/</a>

TikTok: <a href="https://vm.tiktok.com/ZMJAt254W/">https://vm.tiktok.com/ZMJAt254W/</a>



# **External Partnerships**

Baby-Led Weaning Made Easy with Katie Ferraro - 208. Heavy Metals in Baby Food https://blwpodcast.com/episodes/208

How do we Protect our Children from Lead and other Heavy Metals in Food? – Pure Earth Expert Panel Discussion – Twitter Spaces - <a href="https://www.pureearth.org/twitter-spaces-discussion/">https://www.pureearth.org/twitter-spaces-discussion/</a>

Extends the reach of the results and messaging to areas we normally do not have access to



## **Choose Your Tools Wisely**

#### More and more, people will not pay for Television

- Streaming is king
- "As far as TV goes, we just wouldn't use it,"

#### Americans now check their phones 96 times a day -

- Once every 10 minutes,
- It has increased over time and for some, is the primary source of information
- Be ready to address inaccurate information
- Your messaging has to fit the platform
- Consider apps, automatic pushes, for food safety messaging



## **Choose Your Tools Wisely**

#### Use the right person(s) for engagement

- Not every CEO is camera or microphone-ready
- Some communities are more receptive to messaging from people that look like them

#### Communication has become "Tribal"

#### Mommy Bloggers

- Get their information on what products to or not to buy via Facebook and blogging platforms
- The moms are more likely to listen to other moms than to public service announcements
- These groups form, dissolve, and can reform spontaneously





Source: QA magazine, Cover Story, February 2019 https://www.qualityassurancemag.com/article/i s-consumer-reports-testing-your-foods-safety/

