



Engaging the Next Generation of FSQA Workers

April 14, 2022

Meet Your Moderator



Mercedes Howard

Webinar Specialist



TRACEGAINS



**KEEP
CALM
WE WILL SHARE
THE
SLIDES**

Please type your questions in the chatbox!

The image shows a laptop screen with a webinar interface. The interface is divided into three main sections:

- Q&A Chatbox (Left):** A vertical panel with a large blue question mark icon. Below it is a text input field labeled "Enter your question *" and a "Submit" button.
- Slides (Center):** A slide titled "TraceGains Network provides big data to enable process automation between companies". It features a network diagram with several data points: "1K+ CUSTOMER SITES", "250K+ ITEMS", "30K+ SUPPLIER LOCATIONS", "1.5M + DOCUMENTS", "100+ COUNTRIES", and "350K+ SCIENTIFIC ARTICLES". A "Warnings & Alerts" icon is also visible. At the bottom of the slide, there is a small copyright notice: "Copyright © 2018 TraceGains, Inc. | All Rights Reserved".
- Survey (Right):** A "Webinar Survey" panel. It starts with the text "Your feedback is appreciated." and contains three questions:
 - *1. How useful was this webinar? (Dropdown menu: "Select a Choice")
 - *2. What are the biggest challenges your business currently faces? (Check all that apply)
 - Limited resources
 - Declining profit margins
 - Managing rapid growth
 - Increased competition
 - Internal/external collaboration
 - Training management
 - Maintaining regulatory compliance
 - Supply chain risk management
 - Document management
 - Lack of business insight
 - Other
 - 3. Would you like more information on any of the following?
 - Finding qualified suppliers
 - Managing supplier compliance

At the bottom of the laptop screen, there is a navigation bar with several icons: a play button, a presentation icon, a "Q&A" icon, a document icon, a list icon, a question mark icon, and a hand cursor icon.

About TraceGains

Connecting People And Information So Teams Can Work Smarter



Food and Beverage • Dietary Supplements • Retail • Consumer Packaged Goods

Where We Came From



What Makes TraceGains Different?

On average, companies find that **80%**
of their suppliers are already on TraceGains Network.



Meet Your Speakers



Dr Darin Detwiler

Food Policy Expert & Professor



James Yarbrough

Account Executive





TRACEGAINS

*Engaging
the Next Generation of*

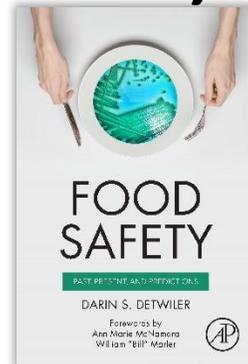
FSQA Workers

Dr. Darin Detwiler, LP.D., M.A.Ed.

Founder and CEO



Detwiler Consulting Group, LLC



Associate Professor,
Food Policy / Regulatory Affairs of Food



NORTHEASTERN UNIVERSITY
College of Professional Studies

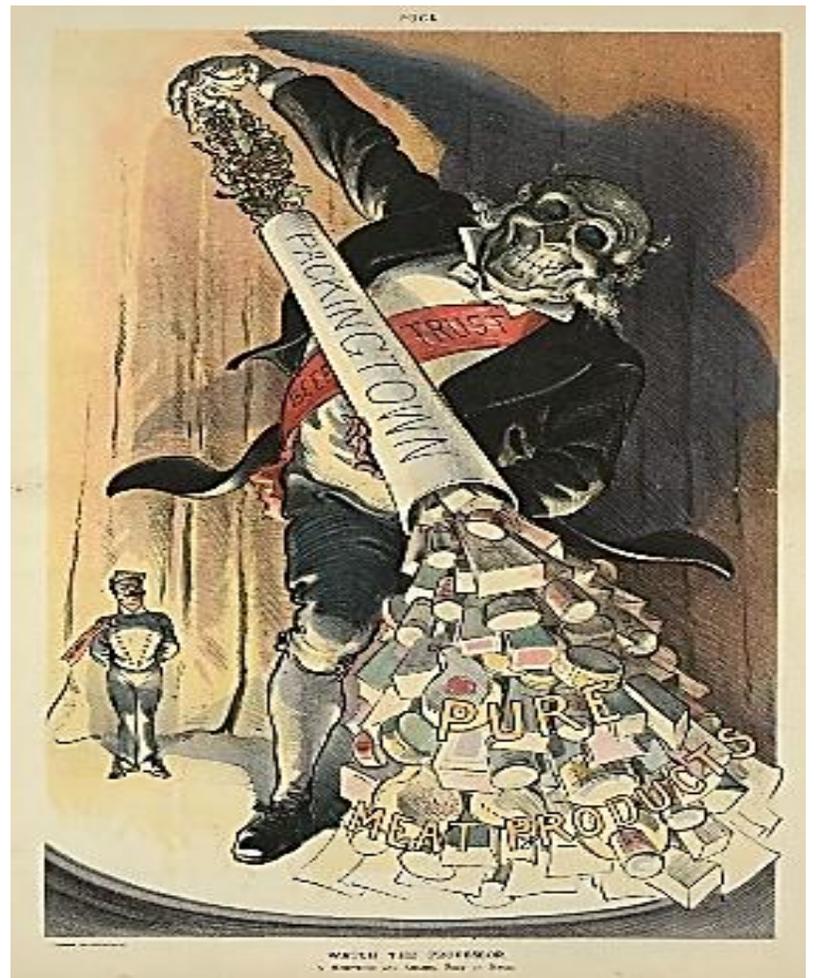
Early History

How were people engaged in the need for food safety?

- Early History
- Food Safety Fundamentals
- True Burden of Disease
- Modern Era of Food Safety
- Responsibility vs. Needs
- Social Media
- Final Thoughts



Opper, F. (1884, March 12). "Look before you eat." *Puck Magazine*. Retrieved from <https://www.theodorerooseveltcenter.org/Research/Digital-Library/Record?libID=o287541>



Keppler, U. (1906, May 23). "Watch the Professor." *Puck Magazine*. Retrieved from <https://www.theodorerooseveltcenter.org/Research/Digital-Library/Record?libID=o278540>



Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



Early History

How were people engaged in the need for food safety?

Engaging the Next Generation of FSQA Workers

- Early History
- Food Safety Fundamentals
- True Burden of Disease
- Modern Era of Food Safety
- Responsibility vs. Needs
- Social Media
- Final Thoughts



9106/16
 DEPT. OF STATE
 OCT 11 1907
 O. O. B.

Circulation in South Africa of postal cards attacking the packing industry of the U. S.

Coline N. Livingstone,
 Washington, D. C.
 October 1, 1907.

Letter, October 1, 1907, from A. K. Urion to Mr. Livingstone, sent to Dept. by Mr. Livingstone, calling attention to the circulation in South Africa of scurrilous postal cards attacking the packing industry of the U. S.

With the letter is enclosed correspondence exchanged by Armour & Co., the Company's representative in South Africa, the As. Consul Gen'l at Cape Town, and the postal authorities of Cape Town; also samples of the scurrilous postal cards. From the correspondence it appears that the postal authorities cannot take action to suppress the circulation of the cards and that the only reme-

Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



Early History

How were people engaged in the need for food safety?

- Early History
- Food Safety Fundamentals
- True Burden of Disease
- Modern Era of Food Safety
- Responsibility vs. Needs
- Social Media
- Final Thoughts



Sinclair, U. (1905, February 25). "The Jungle: A Story of Chicago." *Appeal to Reason*. Retrieved from <https://visitcrawfordcounty.com/crawford-365/jungle-appeal-reason/>

Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



Early History

How were people engaged in the need for food safety?

- Early History
- Food Safety Fundamentals
- True Burden of Disease
- Modern Era of Food Safety
- Responsibility vs. Needs
- Social Media
- Final Thoughts



THE TIMES LITERARY SUPPLEMENT, FRIDAY, JUNE 1, 1906.

APOSTLE.

(DOK, O.S.D. Translated sul, 7s. 6d.).
Th. V. Trente-cinquème

"THE JUNGLE."

"THE JUNGLE." By UPTON SINCLAIR. (Heinemann, 6s.)

This book is published as a novel, and it might claim to be reviewed, therefore, under the head of fiction. But the very first thing to be said about it is that, if it is a novel, a work of imagination and invention, the conduct of an author who invented and published in a form easily accessible to all readers, young or old, male or female, such disgusting, inflammatory matter as this would deserve the severest censure. Unhappily we have good reason for believing it to be all fact, not fiction. The action of the President, who sent commissioners to inquire into the truth or

and it will surely be a 'permissu superiorum, the know more than we do at oggles of Roman Catholicism tbt if the permission will be urch has the defect of all res with our Protestant mis- ably with mediocrities, genius. You cannot imag k and call of a respecta eter the Hermit would ha o some society with an offic Dominican had his member belonged. Th and] the man is ra as a working is in most partic who cannot read h starts with an e calls them " extent they are. r with more art and more à Mile. Th. V." The on about the recipient. The ne, though their unity of rench edition puts the pers in the front all through. elf to open her heart to the be replies, "je suis pour the correspondence, which y years, the lady remains

BLACK
NEW

One is ofte
good book
"Messrs. Blackw
discovering n

FON
By F.

eny is one of the
the middle of th
nounced it
F. H. Skrin
SH and original
and contes
AT. elucidate th
the battle of May
scent attention h
or its being a British defe
profoundly affecting as it
history and vividly illust
result to-day from a Brit
European Power.

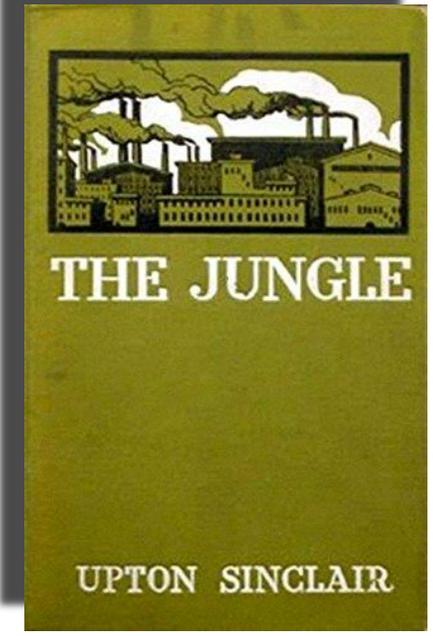
Ostensibly fought in
succession
WORLD- now, depen
WIDE was but a l
RESULTS It broug
vaecillation

It is with nothing less than horror that we learn it to be true.

The things described by Mr. Sinclair happened yesterday, are happening today, and will happen tomorrow and the next day, until some Hercules comes to cleanse the filthy stable.

The rest of the book is a faithful report of abuses which fill the reader with nausea and indignation, to leave him at the close solaced with nothing better than the conviction that a change must come.

What are the matters on which Mr. Sinclair reports? First, and most fully, the great Chicago Meat Trusts. "We use everything of the hog but its squeal," is the only jest ever heard in the stock-yards, the places where hundreds of thousands of animals are turned every day into meat; a bitter jest and a true word. We prefer not to dwell on the sickening



"The Jungle" (1906, June 1). *The London Times*. (Review from Literary Supplement). Microfilm Collection, Western Washington University.

Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



Early History

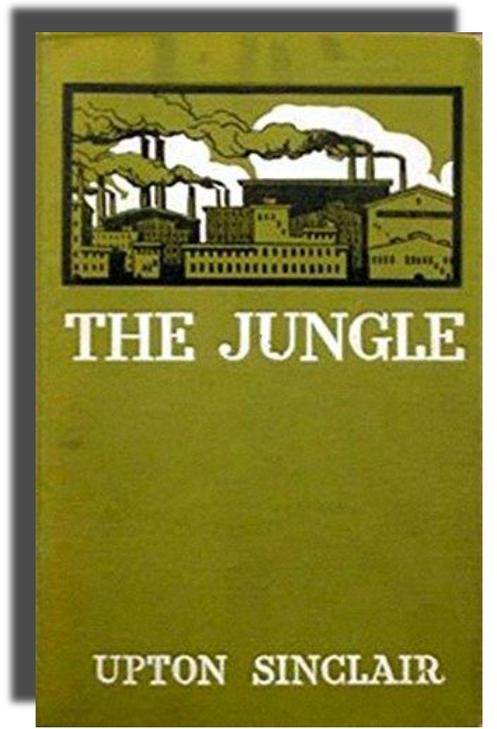
How were people engaged in the need for food safety?

- Early History
- Food Safety Fundamentals
- True Burden of Disease
- Modern Era of Food Safety
- Responsibility vs. Needs
- Social Media
- Final Thoughts



A NAUSEATING JOB, BUT IT MUST BE DONE

(President Roosevelt takes hold of the investigating muck-rake himself in the packing-house scandal.)
From the *Saturday Globe* (Utica)



Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



Food Safety Fundamentals

**Food –
Essential part
of our
*‘Rites of Passage’***

School Lunch

Cooking on their own

Eating Away from Home

Shopping for themselves

Most ‘first’ jobs

Raising Children

Dr. Darin Detwiler

<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



Engaging the Next
Generation of
FSQA Workers

Early History

Food Safety
Fundamentals

True Burden
of Disease

Modern Era of
Food Safety

Responsibility vs.
Needs

Social Media

Final Thoughts



Food Safety Fundamentals

Engaging the Next Generation of FSQA Workers

Early History

Food Safety Fundamentals

True Burden of Disease

Modern Era of Food Safety

Responsibility vs. Needs

Social Media

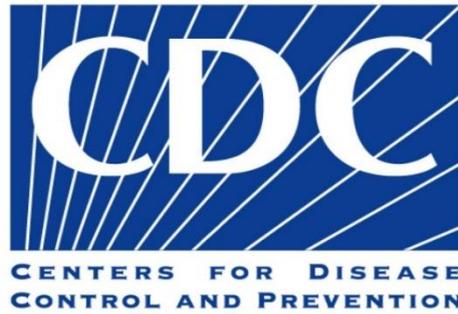
Final Thoughts



Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



Food Safety Fundamentals



CDC estimates

- 48 million people get SICK
- 128,000 are HOSPITALIZED
- 3,000 DIE

from foodborne diseases
each year in the United States

Engaging the Next Generation of FSQA Workers

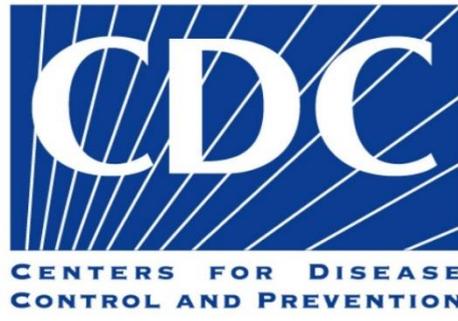
- Early History
- Food Safety Fundamentals
- True Burden of Disease
- Modern Era of Food Safety
- Responsibility vs. Needs
- Social Media
- Final Thoughts



Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



Food Safety Fundamentals



CDC estimates

- 48 million people get SICK
- 128,000 are HOSPITALIZED
- 3,000 DIE

from foodborne diseases
each year in the United States

Engaging the Next Generation of FSQA Workers

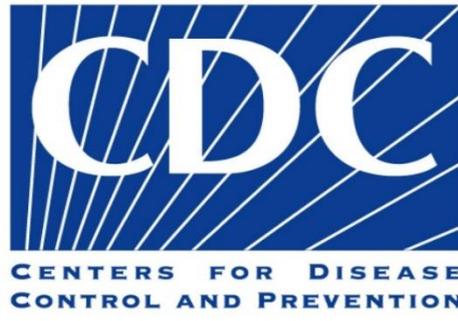
- Early History
- Food Safety Fundamentals
- True Burden of Disease
- Modern Era of Food Safety
- Responsibility vs. Needs
- Social Media
- Final Thoughts



Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



Food Safety Fundamentals



CDC estimates

- 48 million people get SICK
- 128,000 are HOSPITALIZED
- 3,000 DIE

from foodborne diseases
each year in the United States

Engaging the Next Generation of FSQA Workers

Early History

Food Safety Fundamentals

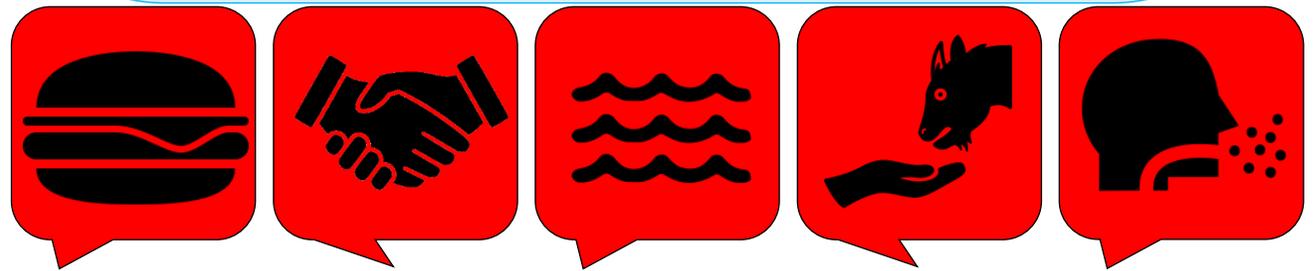
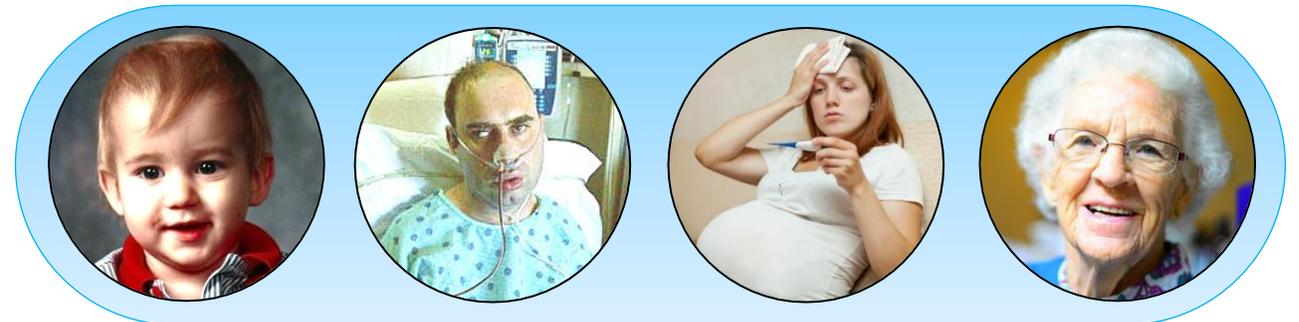
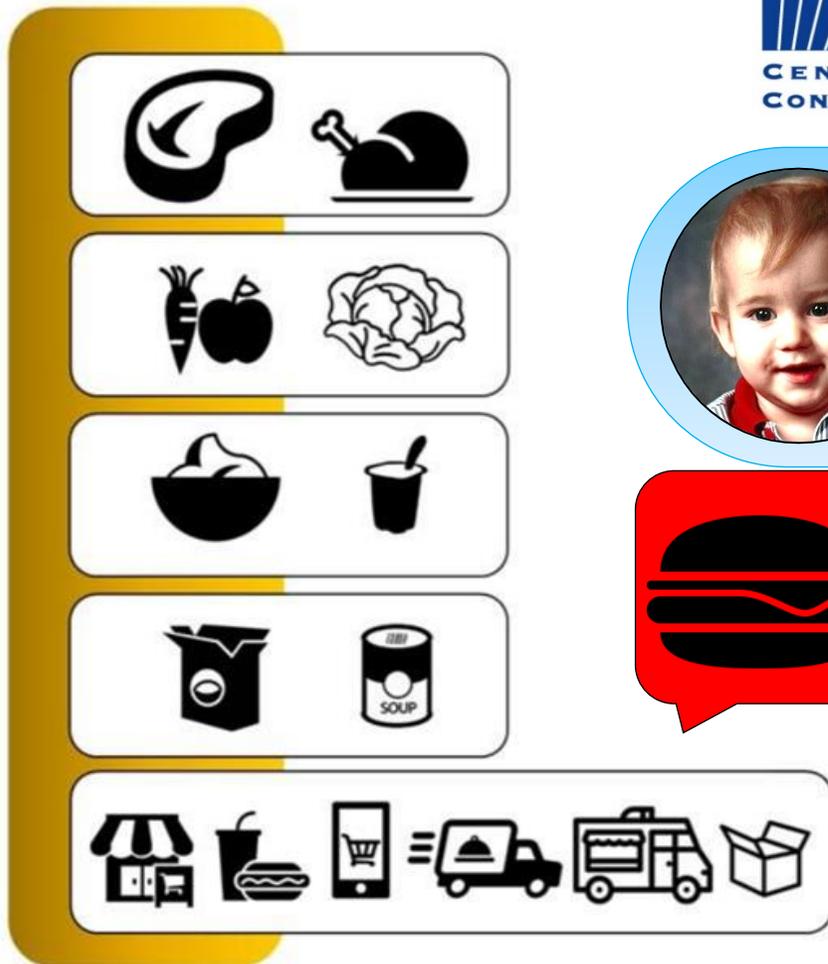
True Burden of Disease

Modern Era of Food Safety

Responsibility vs. Needs

Social Media

Final Thoughts



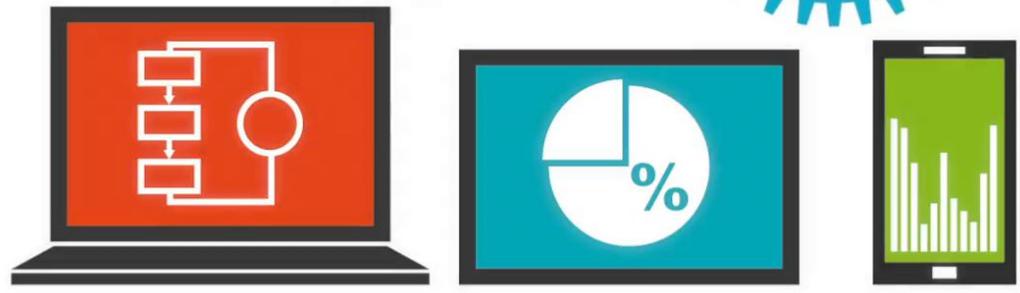
Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



Food Safety Fundamentals

Engaging the Next Generation of FSQA Workers

- Early History
- Food Safety Fundamentals
- True Burden of Disease
- Modern Era of Food Safety
- Responsibility vs. Needs
- Social Media
- Final Thoughts



Machine Learning

Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



Food Safety Fundamentals

Engaging the Next Generation of FSQA Workers

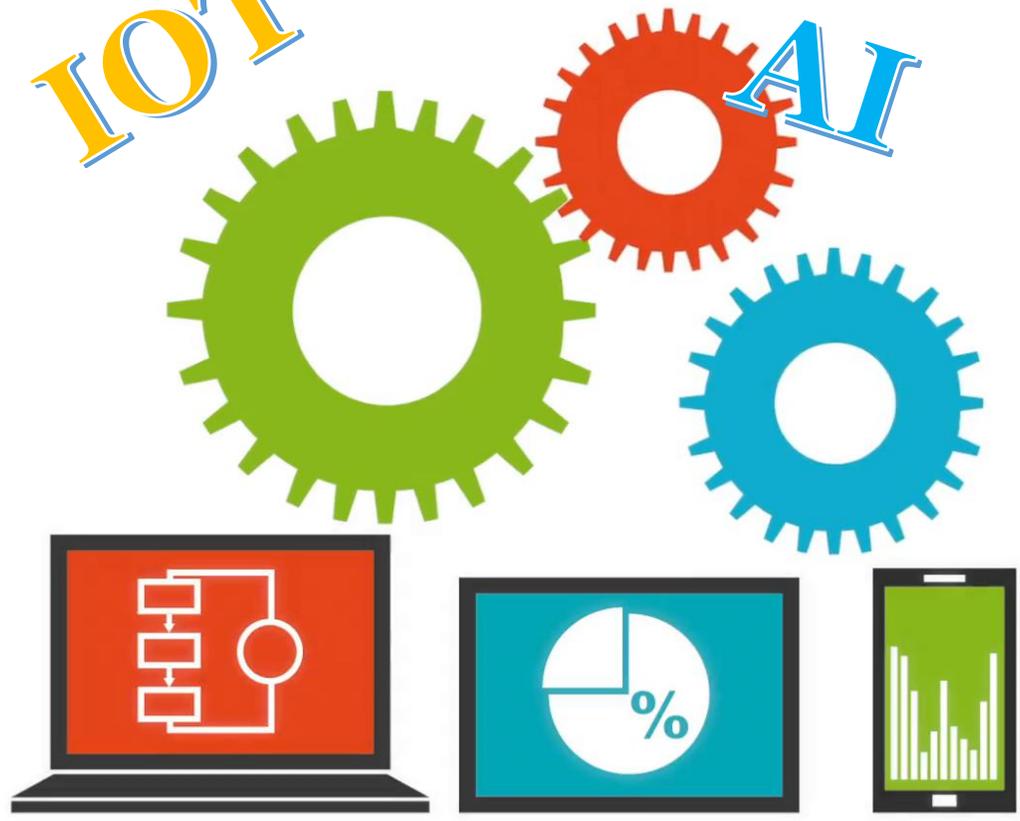
- Early History
- Food Safety Fundamentals
- True Burden of Disease
- Modern Era of Food Safety
- Responsibility vs. Needs
- Social Media
- Final Thoughts



Blockchain
GOLDEN TICKET

IOT

AI



Machine Learning

Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



Food Safety Fundamentals

Engaging the Next Generation of FSQA Workers

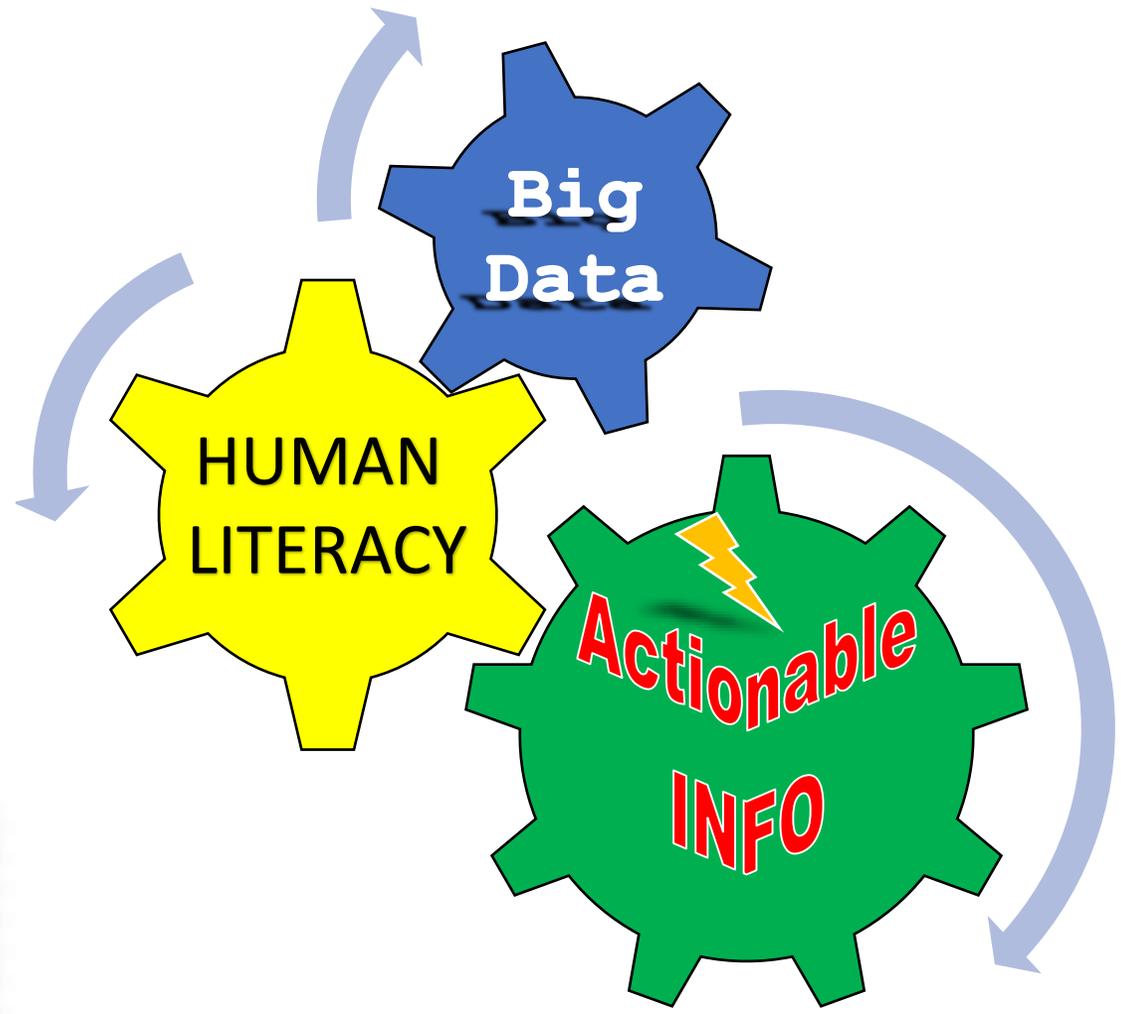
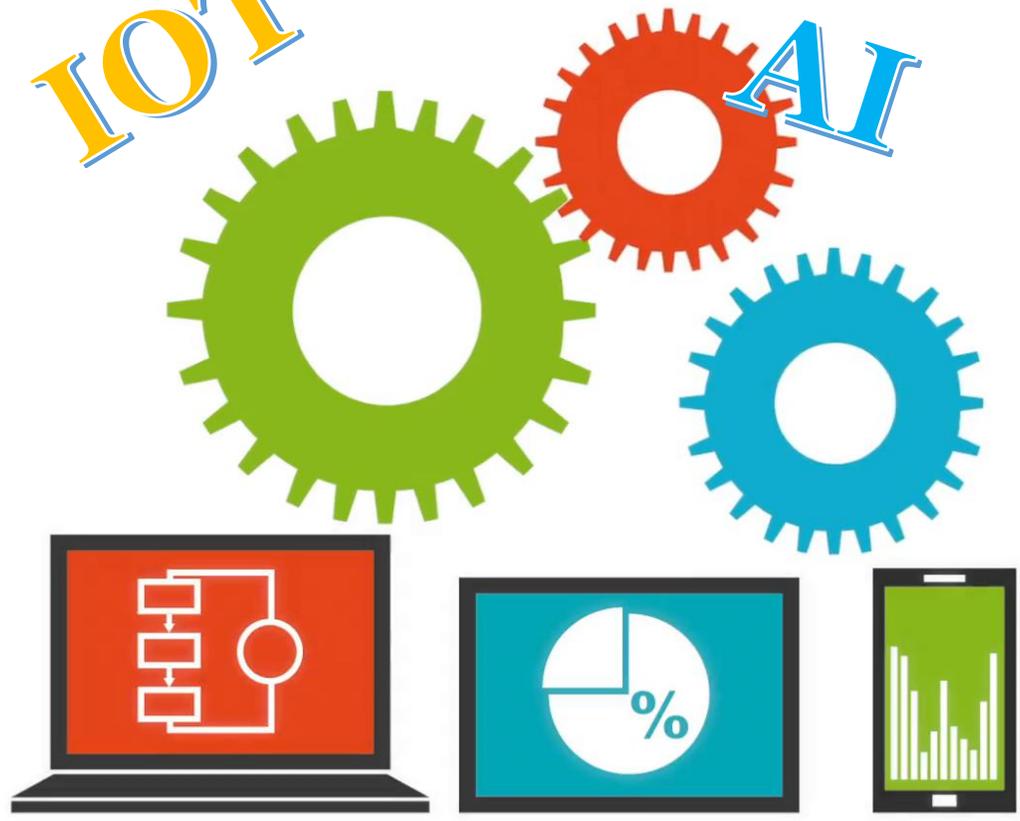
- Early History
- Food Safety Fundamentals
- True Burden of Disease
- Modern Era of Food Safety
- Responsibility vs. Needs
- Social Media
- Final Thoughts



Blockchain
GOLDEN TICKET

IOT

AI



Machine Learning

Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



The True Burden of Disease

Engaging the Next Generation of FSQA Workers

Early History

Food Safety Fundamentals

True Burden of Disease

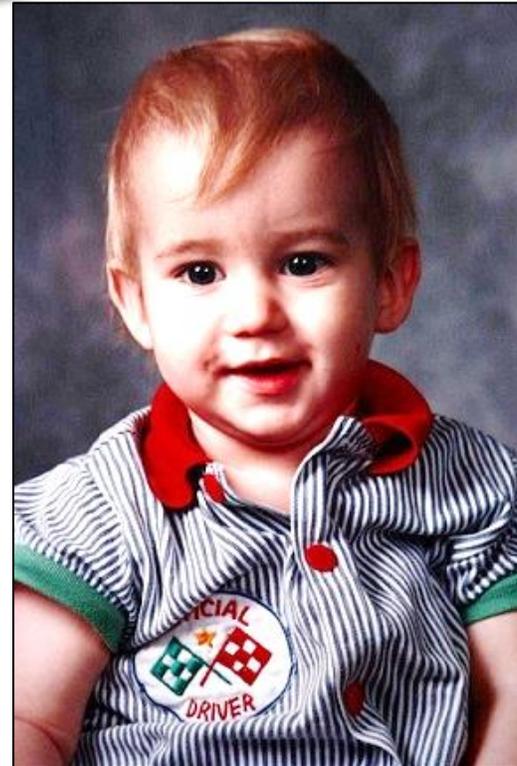


Modern Era of Food Safety

Responsibility vs. Needs

Social Media

Final Thoughts



Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



The True Burden of Disease

Engaging the Next Generation of FSQA Workers

Early History

Food Safety Fundamentals

True Burden of Disease



Modern Era of Food Safety

Responsibility vs. Needs

Social Media

Final Thoughts



Serena

| AREA | ISSUE(s) |
|----------|--|
| CONSUMER | 2014, OR State <ul style="list-style-type: none"> • Misdiagnosed • H.U.S. • Renal failure • Respiratory failure • Death at age 4 –years |
| SCIENCE | Unknown Source / Possible person-to-person Transmission of <i>E.coli O157:H7</i> |
| POLICY | State – Mandatory Testing for foodborne illness when obvious symptoms presented |

Source never determined, misdiagnosed by doctor



Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



The True Burden of Disease

Engaging the Next Generation of FSQA Workers

Early History

Food Safety Fundamentals

True Burden of Disease

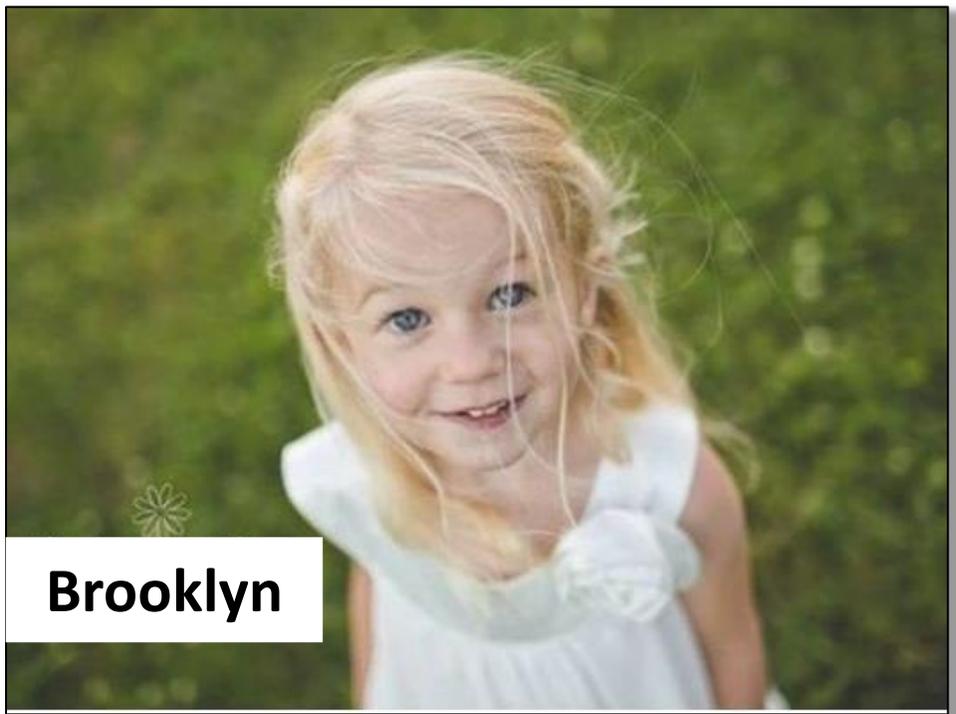


Modern Era of Food Safety

Responsibility vs. Needs

Social Media

Final Thoughts



| AREA | ISSUE(s) |
|-----------------|--|
| CONSUMER | 2014, WA State <ul style="list-style-type: none"> • Unknown Source • Died at 3 ½ years old |
| SCIENCE | <ul style="list-style-type: none"> • Foodborne Transmission of <i>E.coli</i> |
| POLICY | Small outbreak, complicated with two other illnesses in region (not related) |

Father (rancher): “her death has destroyed our family and our way of life.”

Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



The True Burden of Disease

Engaging the Next Generation of FSQA Workers

Early History

Food Safety Fundamentals

True Burden of Disease



Modern Era of Food Safety

Responsibility vs. Needs

Social Media

Final Thoughts



“Michael”

| AREA | ISSUE(s) |
|----------|--|
| CONSUMER | 2004, NY State <ul style="list-style-type: none"> • Lettuce • Death premature birth at 30 weeks |
| SCIENCE | <ul style="list-style-type: none"> • Foodborne Transmission of Listeria • Prenatal health |
| POLICY | FDA Produce inspection, Preventive Control regulations |

Mother (a nurse) *“My body recovered quickly, my heart slowly. I have wisdom I wish I never had.”*



The True Burden of Disease



| AREA | ISSUE(s) |
|----------|--|
| CONSUMER | 2014, MA State <ul style="list-style-type: none"> • H.U.S. • Renal failure • Respiratory failure • Death at age 8 –years |
| SCIENCE | Foodborne Transmission of <i>E.coli O157:H7</i> |
| POLICY | USDA Recall Authority Retail Regulations Legal – Corporate responsibility |

The store chain waited 50 days after an FSIS notice before recalling the products. State DPH epidemiologist: *“dragging their feet in an attempt to avoid doing a recall.”*

Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
 ourherculeaneffort@gmail.com



Engaging the Next Generation of FSQA Workers

Early History

Food Safety Fundamentals

True Burden of Disease



Modern Era of Food Safety

Responsibility vs. Needs

Social Media

Final Thoughts



The True Burden of Disease

Engaging the Next Generation of FSQA Workers

Early History

Food Safety Fundamentals

True Burden of Disease



Modern Era of Food Safety

Responsibility vs. Needs

Social Media

Final Thoughts



Christopher

| AREA | ISSUE(s) |
|----------|---|
| CONSUMER | 2008, VT State <ul style="list-style-type: none"> • Tied to PCA Peanuts • Hospitalized for a week • 7-year-old • Life-long health complications |
| SCIENCE | Foodborne Transmission of <i>Salmonella Typhimurium</i> |
| POLICY | FDA - inspection, Preventive Control regulations Legal - Corporate Responsibility |

"It hurts so bad I want to die."

Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



The True Burden of Disease

Engaging the Next Generation of FSQA Workers

Early History

Food Safety Fundamentals

True Burden of Disease



Modern Era of Food Safety

Responsibility vs. Needs

Social Media

Final Thoughts



| AREA | ISSUE(s) |
|----------|---|
| CONSUMER | 2008 Tied to eggs <ul style="list-style-type: none"> • 63-year-old • Life-long health complications |
| SCIENCE | Foodborne Transmission of <i>Salmonella Typhimurium</i> |
| POLICY | FDA - inspection, Preventive Control regulations |

“My breast cancer surgery and treatments were a lot easier to go through compared to the lingering colon problems from my *Salmonella* illness.”

Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



The True Burden of Disease

Engaging the Next Generation of FSQA Workers

Early History

Food Safety Fundamentals

True Burden of Disease

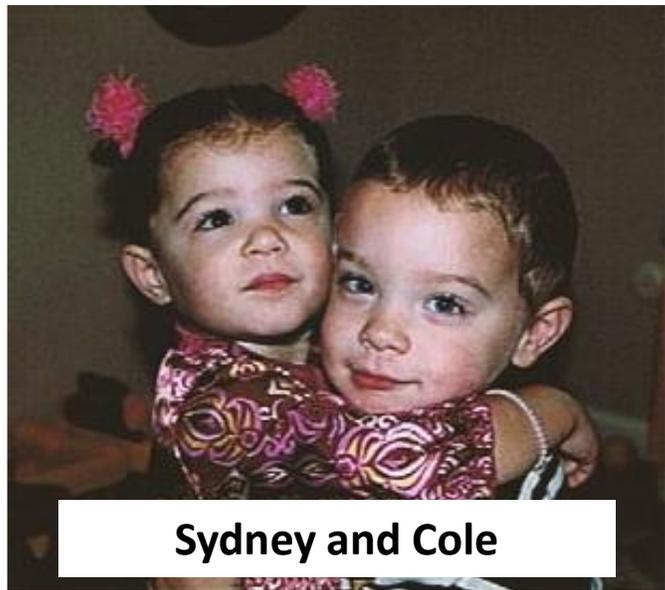


Modern Era of Food Safety

Responsibility vs. Needs

Social Media

Final Thoughts



Sydney and Cole

| AREA | ISSUE(s) |
|----------|--|
| CONSUMER | 2014, NY State <ul style="list-style-type: none"> • Two of 20-month-old triplets • “Veggie Bootie” • Ingredient came from a Chinese supplier |
| SCIENCE | Foodborne Transmission of <i>Salmonella Wadsworth</i> |
| POLICY | FDA – Import standards, inspection, Preventive Control regulations |

Mom: “For days, Sydney would grab onto us, scream, cry and jerk.”

Dr. Darin Detwiler

<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



The True Burden of Disease

Engaging the Next Generation of FSQA Workers

Early History

Food Safety Fundamentals

True Burden of Disease



Modern Era of Food Safety

Responsibility vs. Needs

Social Media

Final Thoughts



| AREA | ISSUE(s) |
|----------|--|
| CONSUMER | 1997, NH State <ul style="list-style-type: none"> • Undercooked hamburger • Hospitalized for two weeks • 5-year-old |
| SCIENCE | Foodborne Transmission - <i>E.coli</i> Education: Home preparation and medical community |
| POLICY | USDA – Inspection standards |

**IVs, barium enemas, morphine,
but no stool or urine samples taken for days.**

Mom: *“Please help me!” I cried. Nurses stared at us. Everyone stared.... No one offered to help. Libby cried. Her doctor cried... not knowing why she was hurting.*”

Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
 ourherculeaneffort@gmail.com



Early History

Food Safety
Fundamentals

True Burden
of Disease

Modern Era of
Food Safety 

Responsibility vs.
Needs

Social Media

Final Thoughts



Modern Era of Food Safety

Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



Modern Era of Food Safety



Government requires labeling of some meats

Safe Handling Instructions

This product was prepared from inspected and passed meat and/or poultry. Some food products may contain bacteria that could cause illness if the product is mishandled or cooked improperly. For your protection, follow these safe handling instructions.

-  Keep refrigerated or frozen. Thaw in refrigerator or microwave.
-  Keep raw meat and poultry separate from other foods. Wash working surfaces (including cutting boards), utensils, and hands after touching raw meat or poultry.
-  Cook thoroughly.
-  Keep hot foods hot. Refrigerate leftovers immediately or discard.

WASHINGTON (AP) — The government ordered Wednesday that all raw or partially cooked meat and poultry sold in America after Oct. 15 be labeled with safe handling instructions.

The Agriculture Department decision was motivated by a food poisoning outbreak in the West last January, traced to undercooked hamburgers tainted with E. coli bacteria at a fast-food chain. Two children died and 300 people were made ill.

It also follows settlement of a lawsuit filed by an advocacy group seeking the labels.

Vicki and Darin Detwiler, the parents of a 17-month-old boy who died from an E. coli infection during that outbreak, appeared at a news conference with Agriculture Secretary Mike Espy to emphasize the required label's message:

"Some animal products may contain bacteria that could cause illness if the product is mishandled or cooked improperly. For your protection follow these safe handling instructions.

*Keep refrigerated or frozen. Thaw in refrigerator or microwave.

*Keep raw meats or poultry separate from other foods. Wash working surfaces (including cutting boards), utensils and hands after touching raw meat or poultry.

*Cook thoroughly.

*Refrigerate leftovers within two hours.

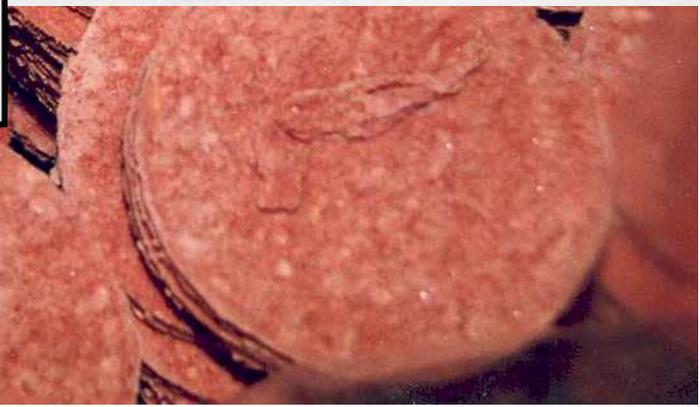
Labels on meat distributed to

DETWILER

See MEAT, page 2A

"To clarify an important legal point, we [USDA] consider raw ground beef that is contaminated with E. coli O157:H7 to be adulterated within the meaning of the Federal Meat Inspection Act"

Mike Taylor
(then, the administrator for the USDA's Food Safety Inspection Service)
Sept. 29, 1994



Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



Engaging the Next Generation of FSQA Workers

Early History

Food Safety Fundamentals

True Burden of Disease

Modern Era of Food Safety

Responsibility vs. Needs

Social Media

Final Thoughts



Modern Era of Food Safety

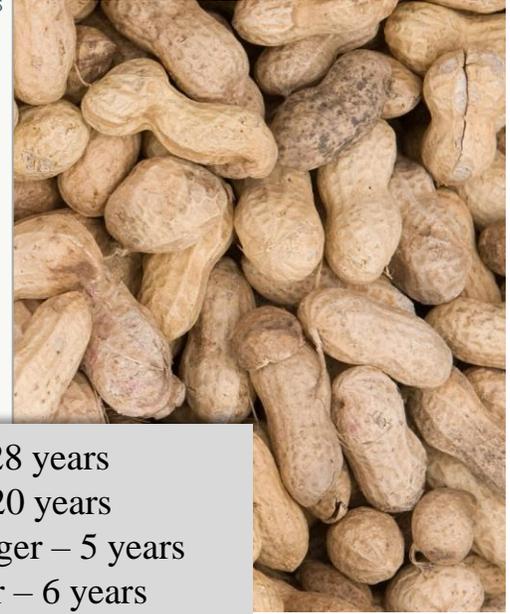


FOR IMMEDIATE RELEASE Thursday, October 1, 2015

Former Peanut Company Officials Sentenced to Prison for Their Roles in Salmonella-Tainted Peanut Product Outbreak

Two former officials of the Peanut Corporation of America (PCA) were sentenced to prison today in Albany, Georgia, for their roles in a conspiracy to defraud their customers by shipping salmonella-positive peanut products before the results of microbiological testing were received and falsifying microbiological test results, the Department of Justice announced.

- Introducing an Adulterated Food into Interstate Commerce [21 U.S.C. §§ 331(a) and 333(a)(1)]
- Crimes and Criminal Procedure (18 U.S.C. Title 18) specifically, Obstruction of Proceedings before departments, agencies, and committees (18 U.S.C. § 1505)
- Attempt and Conspiracy (18 U.S.C. § 1349)
- Fraud by wire, radio, or television (18 U.S.C. § 1343)
- Frauds and Swindles (18 U.S.C. § 1341)



PCA's Blakely plant, was sentenced by Senior U.S. District Judge to 36 months in prison to be followed by three years of supervised release. The operations manager at PCA's Blakely plant, was sentenced to 18 months in prison to be followed by three years of supervised release.

and the sale of misbranded and adulterated peanut products. The trial of Stewart Parnell, 61, of Lynchburg, Virginia, Stewart Parnell's brother, Stewart Parnell, 41, of Edison, Georgia, and Mary Wilkerson, 41, of Edison, Georgia, was scheduled for trial on October 1, 2015. Parnell, Wilkerson, and Parnell were present as a witness during five trial days.

- The Owner - 28 years
- The Broker - 20 years
- The QA manager – 5 years
- Plant Manager – 6 years
- Plant Manager – 3 years

Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



Engaging the Next Generation of FSQA Workers

Early History

Food Safety Fundamentals

True Burden of Disease

Modern Era of Food Safety

Responsibility vs. Needs

Social Media

Final Thoughts



Modern Era of Food Safety



- 2015 court sentencing –
- 6-month jail terms for each owner
 - \$100,000 personal fine each
 - Pay \$250,000 in restitution to victims
 - Corporation on 3 years' probation
 - Corporation ordered to pay \$6.79 M fine



Quality Egg, Company Owner and Top Executive Sentenced in Connection with Distribution of Adulterated Eggs

Company, Quality Egg LLC, were sentenced today in federal district court in Iowa.

Company owned Quality Egg, was sentenced to serve three months in prison to be followed by one year of probation and a fine of \$100,000. His son, Peter DeCoster, 51, of Clarion, Iowa, who was sentenced to serve three months in prison to be followed by one year of probation and a fine of \$100,000. Quality Egg was sentenced to pay a fine of \$6.79 million and placed on probation for one year to make restitution in the total amount of \$83,008,19. Quality Egg also pleaded guilty to introducing adulterated food into interstate commerce with the government. The defendants were sentenced by U.S. District Court in Iowa.

Quality Egg, a company with operations in Wright County, Iowa, pleaded guilty to one count of introducing a misbranded food into interstate commerce with intent to defraud and to introduce adulterated food into interstate commerce. Jack and Peter DeCoster each pleaded guilty to introducing adulterated food into interstate commerce. In plea agreements, the company and the defendants agreed that the eggs were adulterated in that they contained a poisonous and deleterious substance which rendered the eggs injurious to health.

The eggs produced and distributed by Quality Egg were linked to a nationwide outbreak of salmonellosis that led to the deaths of several people.

The defendants and the company pled guilty to Introducing an Adulterated Food into Interstate Commerce [21 U.S.C. §§ 331(a) and 333(a)(1)].

Engaging the Next Generation of FSQA Workers

Early History

Food Safety Fundamentals

True Burden of Disease

Modern Era of Food Safety

Responsibility vs. Needs

Social Media

Final Thoughts



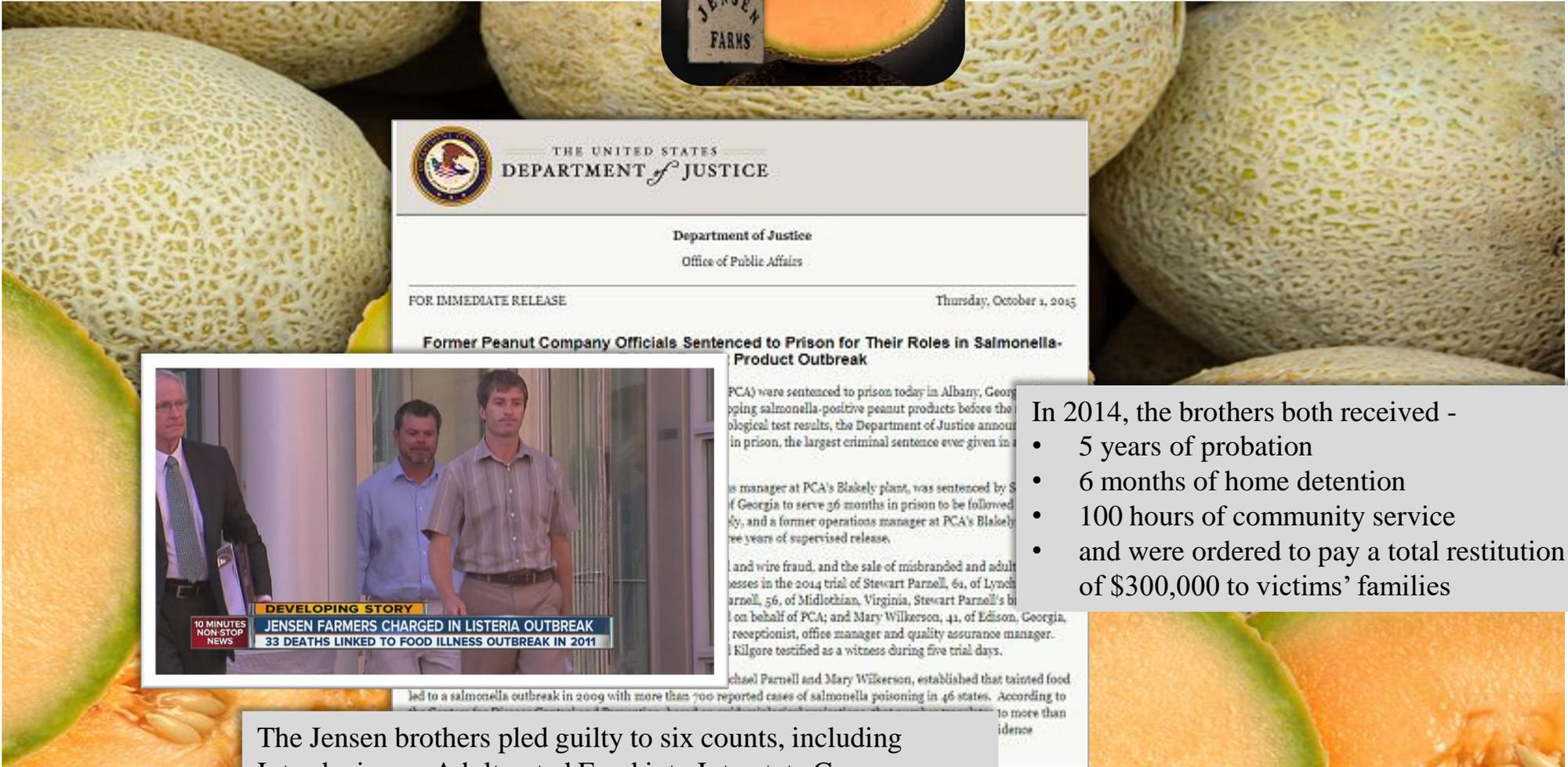
Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



Modern Era of Food Safety



- Engaging the Next Generation of FSQA Workers
- Early History
- Food Safety Fundamentals
- True Burden of Disease
- Modern Era of Food Safety
- Responsibility vs. Needs
- Social Media
- Final Thoughts



THE UNITED STATES DEPARTMENT OF JUSTICE

Department of Justice
 Office of Public Affairs

FOR IMMEDIATE RELEASE Thursday, October 2, 2015

Former Peanut Company Officials Sentenced to Prison for Their Roles in Salmonella-Product Outbreak



PCA) were sentenced to prison today in Albany, Georgia, following salmonella-positive peanut products before the biological test results, the Department of Justice announced in prison, the largest criminal sentence ever given in a...

is manager at PCA's Blakely plant, was sentenced by Superior Court of Georgia to serve 36 months in prison to be followed by 5 years of supervised release, and a former operations manager at PCA's Blakely plant received 18 months of supervised release.

and wire fraud, and the sale of misbranded and adulterated products in the 2014 trial of Stewart Parnell, 64, of Lynchburg, Virginia, Stewart Parnell's brother, Michael Parnell, 56, of Midlothian, Virginia, Stewart Parnell's brother-in-law, and Mary Wilkerson, 41, of Edison, Georgia, receptionist, office manager and quality assurance manager. Stewart Parnell, Michael Parnell and Mary Wilkerson, established that tainted food led to a salmonella outbreak in 2009 with more than 700 reported cases of salmonella poisoning in 46 states. According to...

- In 2014, the brothers both received -
- 5 years of probation
 - 6 months of home detention
 - 100 hours of community service
 - and were ordered to pay a total restitution of \$300,000 to victims' families

The Jensen brothers pled guilty to six counts, including Introducing an Adulterated Food into Interstate Commerce [21 U.S.C. §§ 331(a) and 333(a)(1)] and Aiding and Abetting (18 U.S.C. § 2).

Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



Modern Era of Food Safety



Engaging the Next Generation of FSQA Workers

- Early History
- Food Safety Fundamentals
- True Burden of Disease
- Modern Era of Food Safety
- Responsibility vs. Needs
- Social Media
- Final Thoughts



THE UNITED STATES
DEPARTMENT OF JUSTICE

Department of Justice
Office of Public Affairs

FOR IMMEDIATE RELEASE Tuesday, April 21, 2020

Chipotle Mexican Grill Agrees to Pay \$25 Million Fine and Enter a Deferred Prosecution Agreement to Resolve Charges Related to Foodborne Illness Outbreaks

California-Based Company Agrees to Pay Largest-Ever Fine in a Food-Safety Case as Part of Comprehensive Food Safety Compliance Program

Chipotle Mexican Grill Inc. will pay \$25 million to resolve criminal and civil charges related to foodborne illness outbreaks that sickened more than 100,000 people, the Justice Department announced today.

A criminal information filed in federal court in California charges Chipotle with violating the Federal Food, Drug, and Cosmetic Act. The information also charges Chipotle with violating the Federal Food Safety Inspection Service Act. Federal prosecutors called the penalty the "largest fine ever imposed in a food-safety case."

"The FDA and DOJ hold companies accountable when they endanger the public's health by purveying adulterated food that causes outbreaks of illness," said Food and Drug Administration Commissioner Stephen M. Hahn, M.D. "We will continue to investigate and bring to justice any company whose food products present a health hazard to consumers."

NEWS
Chipotle agrees to pay \$25 million penalty for 2015-18 norovirus outbreaks
 Federal prosecutors called the penalty the "largest fine ever imposed in a food-safety case."



Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



Modern Era of Food Safety



Engaging the Next Generation of FSQA Workers

- Early History
- Food Safety Fundamentals
- True Burden of Disease
- Modern Era of Food Safety
- Responsibility vs. Needs
- Social Media
- Final Thoughts



THE UNITED STATES

 DEPARTMENT OF JUSTICE

Department of Justice

 Office of Public Affairs

FOR IMMEDIATE RELEASE Thursday, September 17, 2020

Blue Bell Creameries Ordered To Pay \$17.25 Million In Criminal Penalties In Connection With 2015 Listeria Contamination

A federal court in Texas sentenced ice cream manufacturer Blue Bell Creameries L.P. to pay \$17.25 million in criminal penalties for shipments of contaminated products linked to a 2015 listeriosis outbreak, the Justice Department announced today.

Blue Bell pleaded guilty in May 2020 to two misdemeanor counts of distributing adulterated ice cream. The sentence, imposed by U.S. District Judge Robert Pitman in Austin, Texas, was consistent with the federal sentencing guidelines previously filed in the case. The \$17.25 million fine and forfeiture amount is the largest criminal penalty in a food safety case.

"American consumers must be able to trust that the food they buy is safe. The Department of Justice sends a message to food manufacturers that the Department of Justice will not tolerate actions that endanger consumers."

"The health of American consumers and the safety of our marketplace are paramount," said Judy McMeekin, Pharm.D., Director of the Food and Drug Administration. "Americans expect and deserve the highest quality of food products. We will continue to pursue and bring to justice those who put the public health at risk in our marketplace."

"The results of this investigation reflect the determination of the Department of Justice to hold companies that sell food products to the military accountable and ensure the safety of our service members and their dependents is of paramount importance."

By Gillian Friedman
 Sept. 17, 2020

The New York Times
Blue Bell is hit with a \$17.25 million penalty over 2015 listeria contamination

Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



Modern Era of Food Safety



Engaging the Next Generation of FSQA Workers

Early History
Food Safety Fundamentals

True Burden of Disease

Modern Era of Food Safety

Responsibility vs. Needs

Social Media

Final Thoughts



CBC NEWS
Marketplace

B.C. boy permanently brain damaged after eating lettuce contaminated with E. coli

Experts link E. coli outbreaks in lettuce to nearby cattle farms, increased use of bagged produce

Tyana Grundig, Greg Sadler, Asha Tomlinson · CBC News · Posted: Mar 21, 2021 4:00 AM ET | Last Updated: March 21

THE WALL STREET JOURNAL
BUSINESS
Effects of E.coli Outbreak in Lettuce Ripple Through U.S. Food-Supply Chain

Tainted lettuce is off the market, officials say, but prices have dropped by more than half and some growers have left acres of romaine to rot

Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com

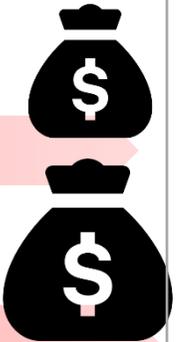
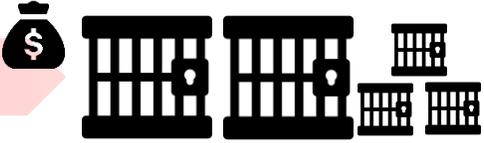


Modern Era of Food Safety

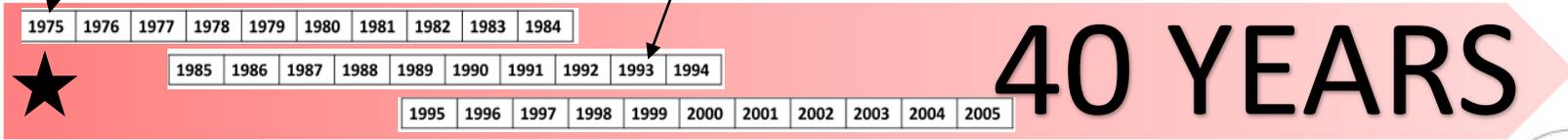
| | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

Engaging the Next Generation of FSQA Workers

- Early History
- Food Safety Fundamentals
- True Burden of Disease
- Modern Era of Food Safety
- Responsibility vs. Needs
- Social Media
- Final Thoughts



Modern Era of Food Safety

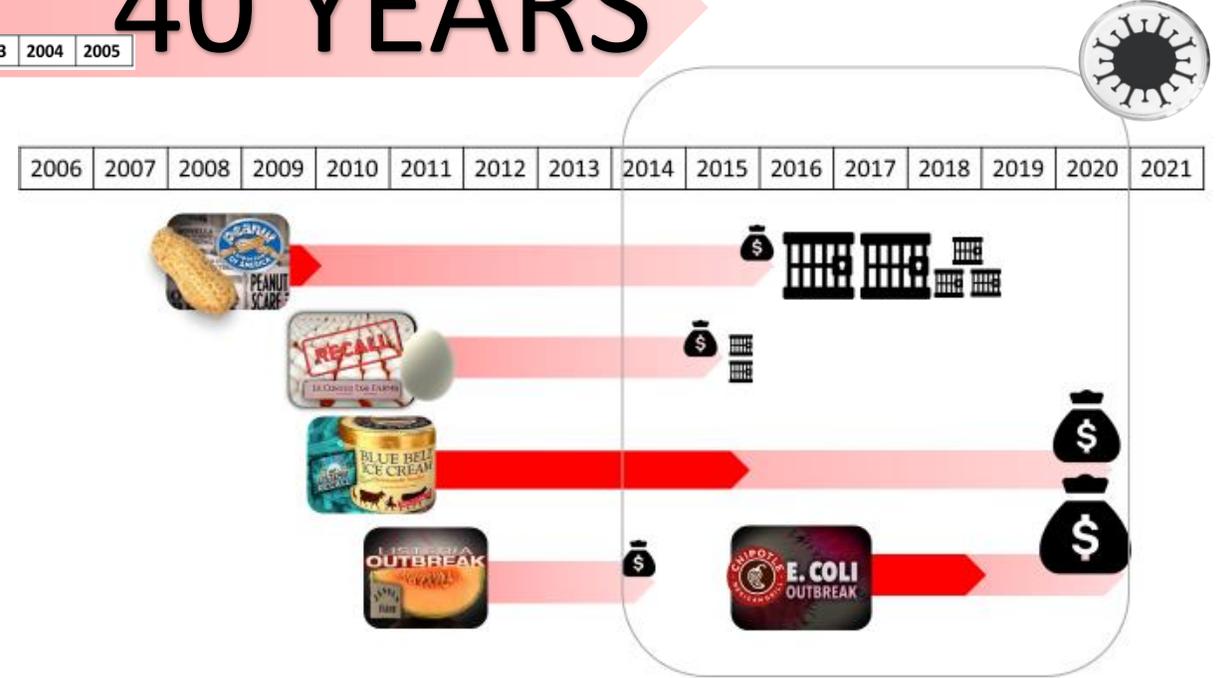


- Engaging the Next Generation of FSQA Workers
- Early History
- Food Safety Fundamentals
- True Burden of Disease
- Modern Era of Food Safety
- Responsibility vs. Needs
- Social Media
- Final Thoughts



United States v. Park
 421 U.S. 658 (1975)
 SCOTUS held that the FDA
 could pierce the corporate veil.

**Responsible
 Corporate
 Officer
 Doctrine**



Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



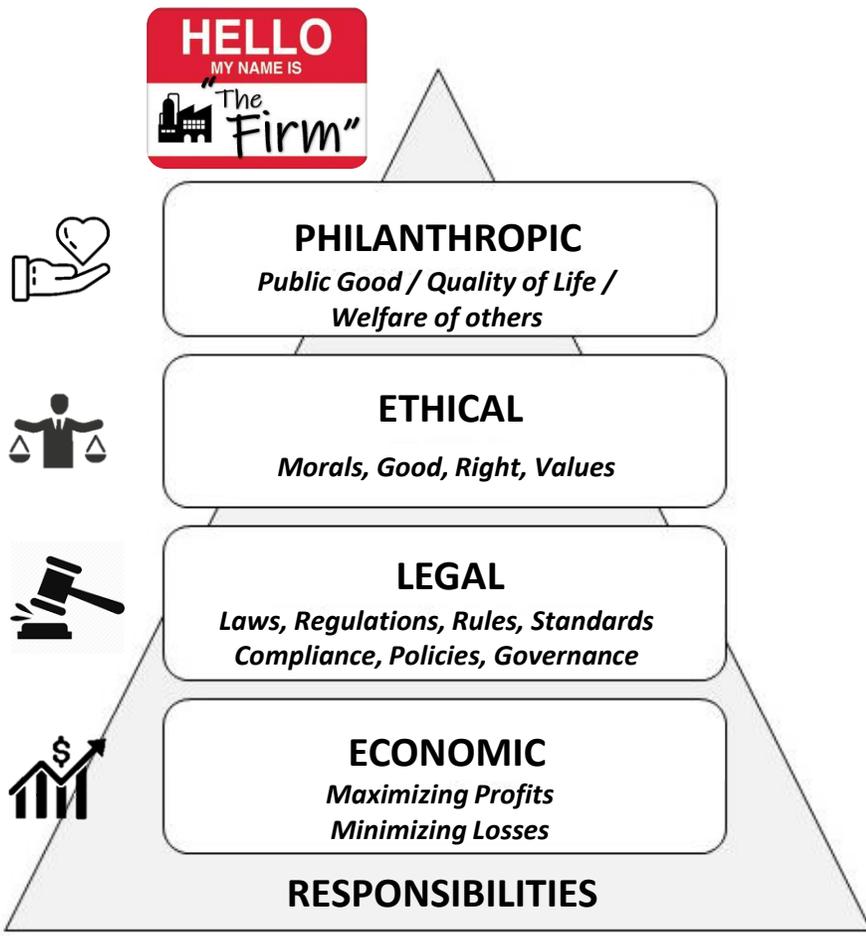
- Early History
- Food Safety Fundamentals
- True Burden of Disease
- Modern Era of Food Safety
- Responsibility vs. Needs 
- Social Media
- Final Thoughts



Responsibility vs. Needs



Responsibility vs. Needs



**Archie Carroll's
"Pyramid of
Corporate Social Responsibility (CSR)"**
(Initially published in 1991)

Engaging the Next
Generation of
FSQA Workers

Early History

Food Safety
Fundamentals

True Burden
of Disease

Modern Era of
Food Safety

Responsibility vs.
Needs

Social Media

Final Thoughts

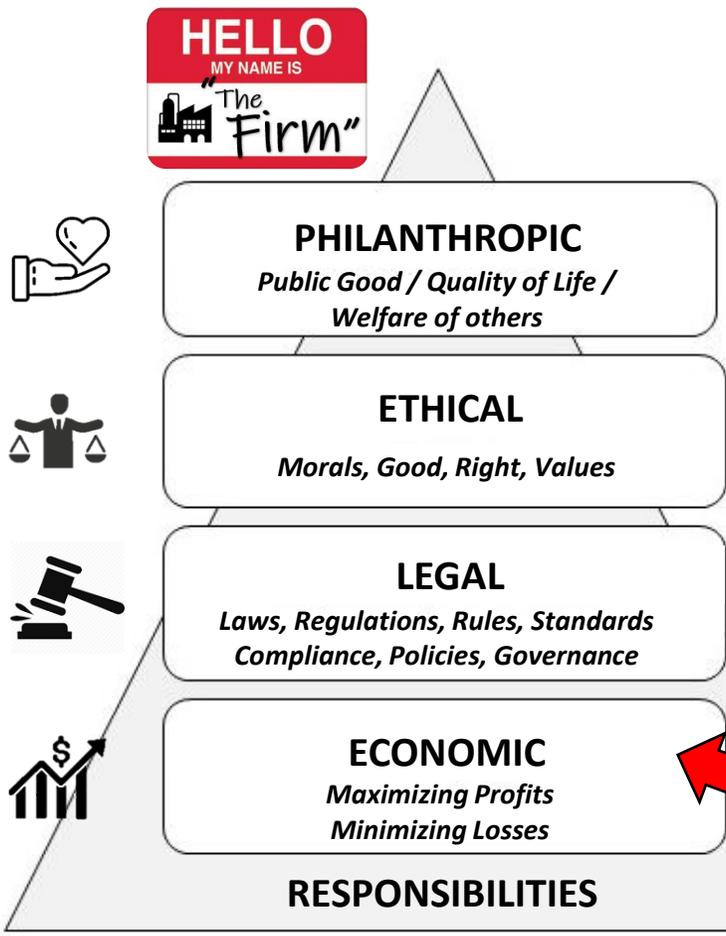


Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



Responsibility vs. Needs

- Early History
- Food Safety Fundamentals
- True Burden of Disease
- Modern Era of Food Safety
- Responsibility vs. Needs
- Social Media
- Final Thoughts



Archie Carroll's "Pyramid of Corporate Social Responsibility (CSR)"
(Initially published in 1991)



 **Chipotle:** 2015 to 2018 – multiple outbreaks, tied to multiple foodborne pathogens, with multi-state public health impacts, sickening over 1,100 U.S. consumers.

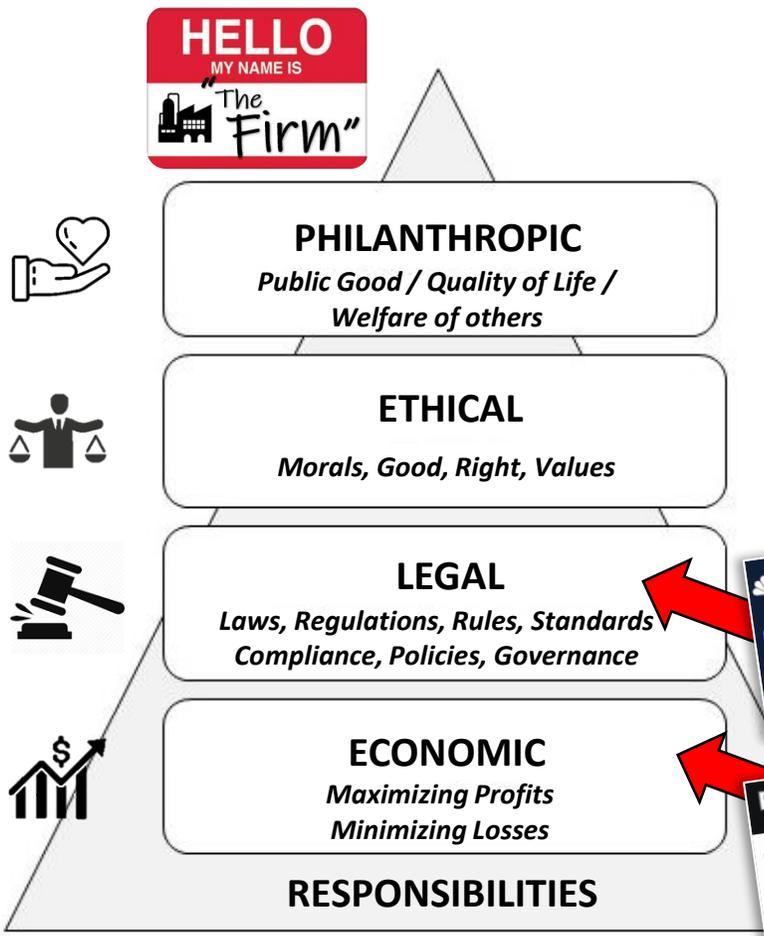
Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



Responsibility vs. Needs

Engaging the Next Generation of FSQA Workers

- Early History
- Food Safety Fundamentals
- True Burden of Disease
- Modern Era of Food Safety
- Responsibility vs. Needs
- Social Media
- Final Thoughts



Archie Carroll's "Pyramid of Corporate Social Responsibility (CSR)"
(Initially published in 1991)

NEWS
Chipotle agrees to pay \$25 million penalty for 2015-18 norovirus outbreaks
 Federal prosecutors called the penalty the "largest fine ever imposed in a food-safety case."

RESTAURANT BUSINESS
ON WALL STREET, CHIPOTLE'S RECOVERY IS NEARLY COMPLETE
 The company's stock hit \$700 a share on Wednesday for the first time since 2015, says RB's The Bottom Line.
 By *Jonathan Maze* on Mar. 28, 2019

Chipotle: 2015 to 2018 – multiple outbreaks, tied to multiple foodborne pathogens, with multi-state public health impacts, sickening over 1,100 U.S. consumers.

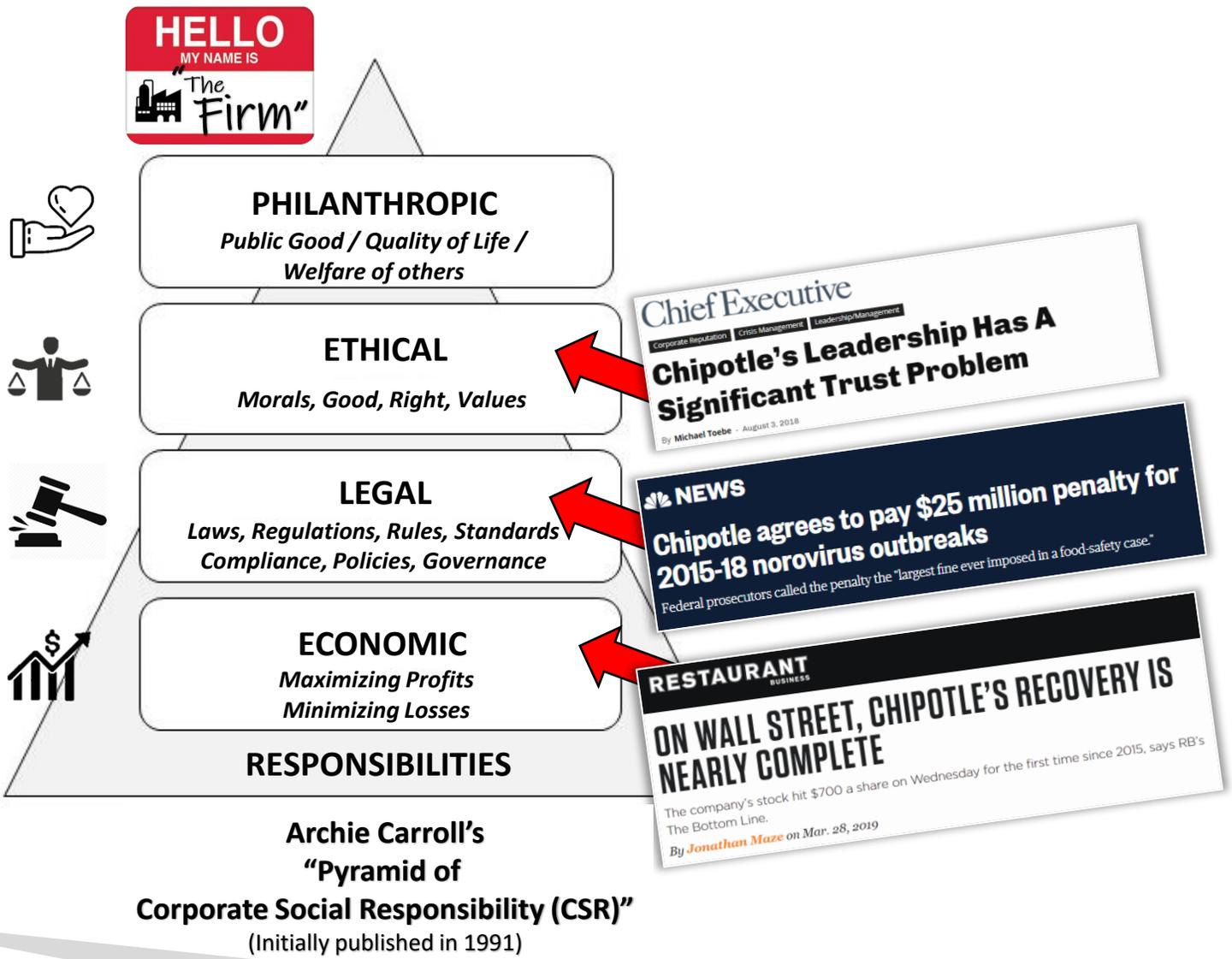
Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



Responsibility vs. Needs

Engaging the Next Generation of FSQA Workers

- Early History
- Food Safety Fundamentals
- True Burden of Disease
- Modern Era of Food Safety
- Responsibility vs. Needs
- Social Media
- Final Thoughts



Chipotle: 2015 to 2018 – multiple outbreaks, tied to multiple foodborne pathogens, with multi-state public health impacts, sickening over 1,100 U.S. consumers.

Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



Responsibility vs. Needs

Engaging the Next Generation of FSQA Workers

- Early History
- Food Safety Fundamentals
- True Burden of Disease
- Modern Era of Food Safety
- Responsibility vs. Needs
- Social Media
- Final Thoughts



Archie Carroll's "Pyramid of Corporate Social Responsibility (CSR)"
(Initially published in 1991)

Chipotle: 2015 to 2018 – multiple outbreaks, tied to multiple foodborne pathogens, with multi-state public health impacts, sickening over 1,100 U.S. consumers.

Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



Responsibility vs. Needs

Engaging the Next Generation of FSQA Workers

- Early History
- Food Safety Fundamentals
- True Burden of Disease
- Modern Era of Food Safety
- Responsibility vs. Needs 
- Social Media
- Final Thoughts



Abraham Maslow's "Hierarchy of Needs"
(from his theory on psychology proposed in his 1943 paper "A Theory of Human Motivation.")

Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



Responsibility vs. Needs

Engaging the Next Generation of FSQA Workers

- Early History
- Food Safety Fundamentals
- True Burden of Disease
- Modern Era of Food Safety
- Responsibility vs. Needs
- Social Media
- Final Thoughts



Abraham Maslow's "Hierarchy of Needs"
(from his theory on psychology proposed in his 1943 paper "A Theory of Human Motivation.")



Chipotle: 2015 to 2018 – multiple outbreaks, tied to multiple foodborne pathogens, with multi-state public health impacts, sickening over 1,100 U.S. consumers.

Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



Responsibility vs. Needs

Engaging the Next Generation of FSQA Workers

- Early History
- Food Safety Fundamentals
- True Burden of Disease
- Modern Era of Food Safety
- Responsibility vs. Needs 
- Social Media
- Final Thoughts



Lansing State Journal
Chipotle sales decline causes layoffs
 Grady Trimble WCSH
 Published 4:52 p.m. ET Jan. 20, 2016 | Updated 11:55 p.m. ET Jan. 20, 2016

npr
 EATING AND HEALTH
Chipotle Faces Another Foodborne Illness Outbreak, This Time In Boston
 December 9, 2015 - 11:59 AM ET

chc health
Chipotle shuts dozens of locations as more confirmed E. coli cases emerge
 By Ben Brumfield, Joe Sutton, Nadia Kourang and Jen Christensen, CNN



Abraham Maslow's "Hierarchy of Needs"
 (from his theory on psychology proposed in his 1943 paper "A Theory of Human Motivation.")



Chipotle: 2015 to 2018 – multiple outbreaks, tied to multiple foodborne pathogens, with multi-state public health impacts, sickening over 1,100 U.S. consumers.

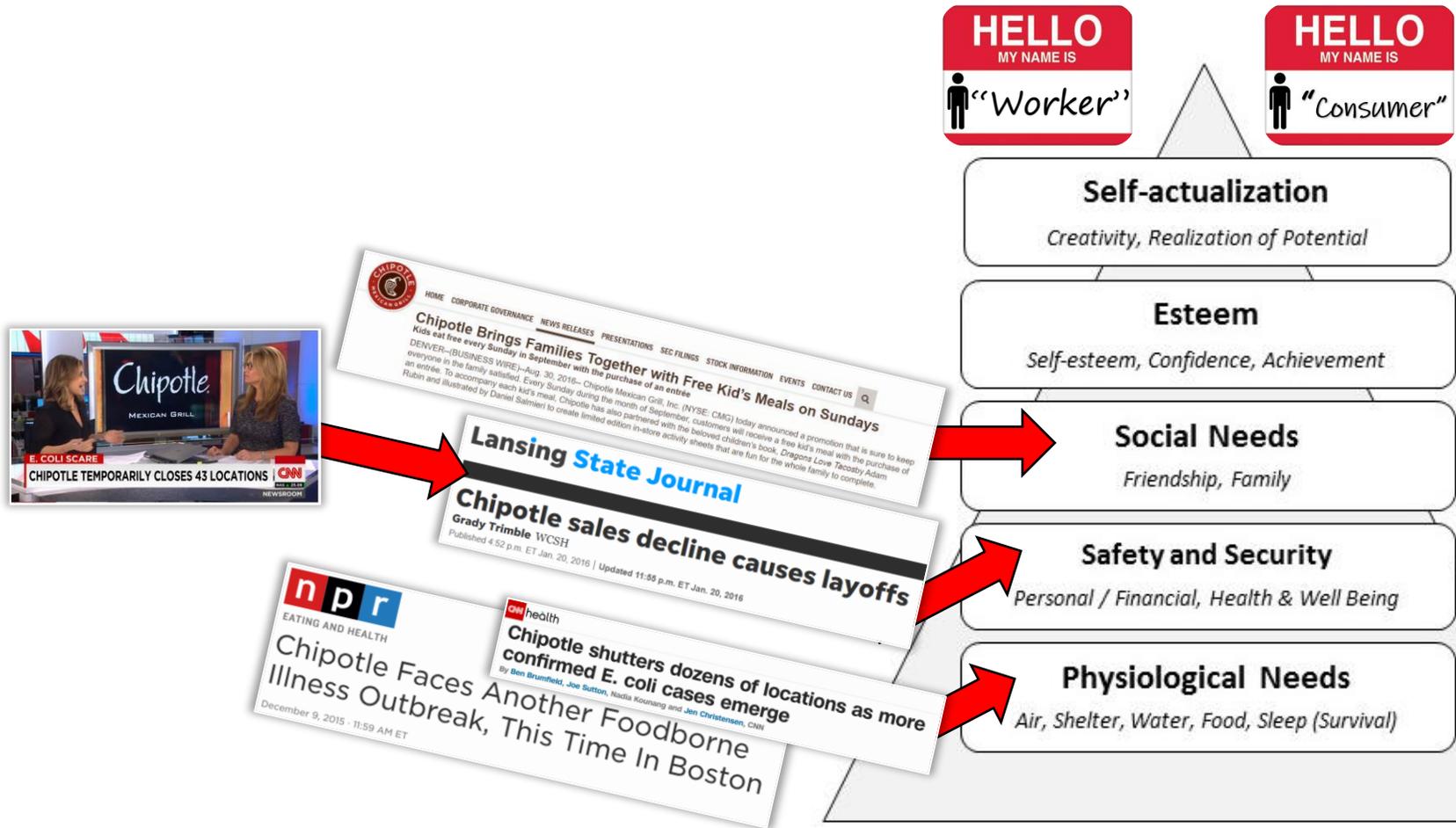
Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
 ourherculeaneffort@gmail.com



Responsibility vs. Needs

Engaging the Next Generation of FSQA Workers

- Early History
- Food Safety Fundamentals
- True Burden of Disease
- Modern Era of Food Safety
- Responsibility vs. Needs
- Social Media
- Final Thoughts



Abraham Maslow's "Hierarchy of Needs"
 (from his theory on psychology proposed in his 1943 paper "A Theory of Human Motivation.")

Chipotle: 2015 to 2018 – multiple outbreaks, tied to multiple foodborne pathogens, with multi-state public health impacts, sickening over 1,100 U.S. consumers.

Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



Responsibility vs. Needs

Engaging the Next Generation of FSQA Workers

- Early History
- Food Safety Fundamentals
- True Burden of Disease
- Modern Era of Food Safety
- Responsibility vs. Needs
- Social Media
- Final Thoughts



The New York Times
Chipotle Has a Plan to Pay Tuition. Will it Actually Help?
 By David Yaffe-Bellany Oct. 16, 2019

Chipotle Brings Families Together with Free Kid's Meals on Sundays
 Kids eat free every Sunday in September with the purchase of an entree

Lansing State Journal
Chipotle sales decline causes layoffs
 Grady Trimble WCSH
 Published 4:52 p.m. ET Jan. 20, 2016 | Updated 11:55 p.m. ET Jan. 20, 2016

npr
 EATING AND HEALTH
Chipotle Faces Another Foodborne Illness Outbreak, This Time In Boston
 December 9, 2015 · 11:59 AM ET

health
Chipotle shuts dozens of locations as more confirmed E. coli cases emerge
 By Ben Brumfield, Joe Sutton, Nadia Kourang and Jen Christensen, CNN



Abraham Maslow's "Hierarchy of Needs"
 (from his theory on psychology proposed in his 1943 paper "A Theory of Human Motivation.")



Chipotle: 2015 to 2018 – multiple outbreaks, tied to multiple foodborne pathogens, with multi-state public health impacts, sickening over 1,100 U.S. consumers.

Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



Responsibility vs. Needs

Engaging the Next Generation of FSQA Workers

- Early History
- Food Safety Fundamentals
- True Burden of Disease
- Modern Era of Food Safety
- Responsibility vs. Needs
- Social Media
- Final Thoughts



Abraham Maslow's "Hierarchy of Needs"
 (from his theory on psychology proposed in his 1943 paper "A Theory of Human Motivation.")

Chipotle: 2015 to 2018 – multiple outbreaks, tied to multiple foodborne pathogens, with multi-state public health impacts, sickening over 1,100 U.S. consumers.

Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



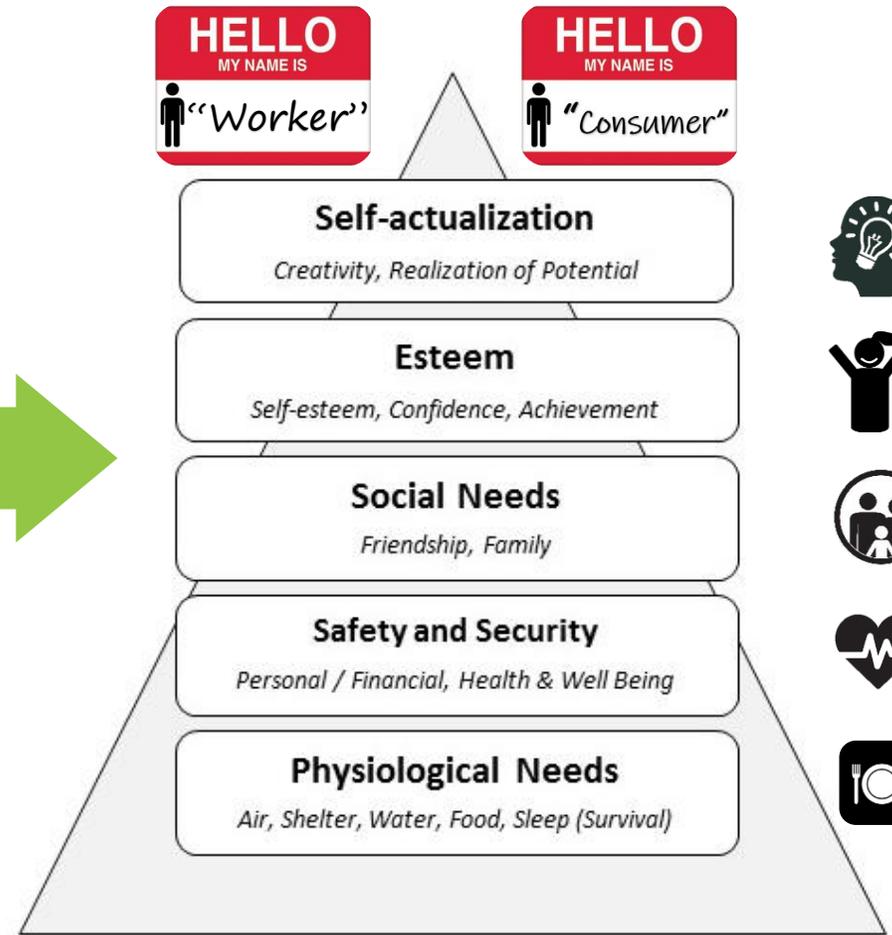
Responsibility vs. Needs

Engaging the Next Generation of FSQA Workers

- Early History
- Food Safety Fundamentals
- True Burden of Disease
- Modern Era of Food Safety
- Responsibility vs. Needs
- Social Media
- Final Thoughts



Archie Carroll's "Pyramid of Corporate Social Responsibility (CSR)"
(Initially published in 1991)



Abraham Maslow's "Hierarchy of Needs"
(from his theory on psychology proposed in his 1943 paper "A Theory of Human Motivation.")

Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
 ourherculeaneffort@gmail.com



Early History

Food Safety
Fundamentals

True Burden
of Disease

Modern Era of
Food Safety

Responsibility vs.
Needs

Social Media



Final Thoughts



Social Media



Social Media

Engaging the Next Generation of FSQA Workers

Early History

Food Safety Fundamentals

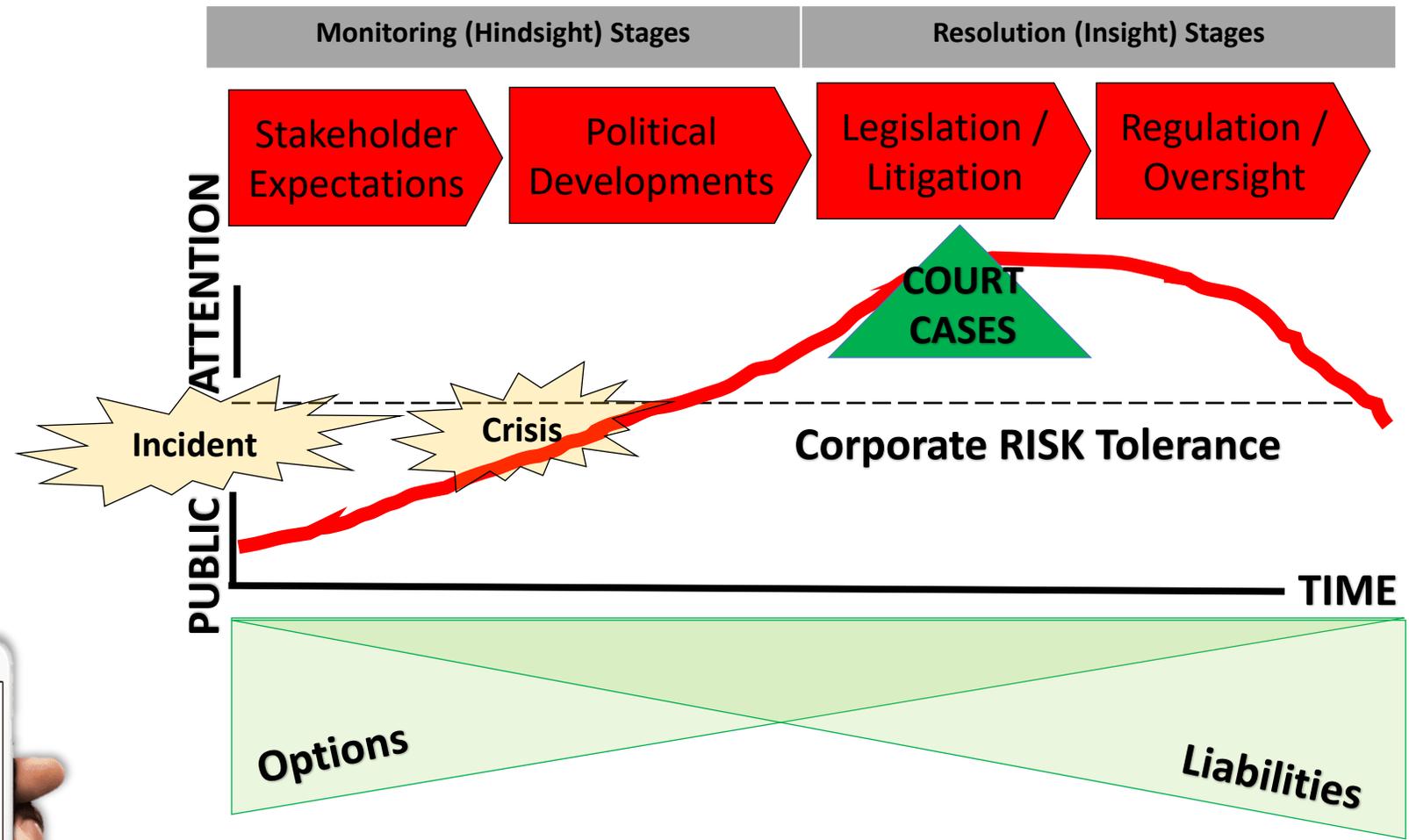
True Burden of Disease

Modern Era of Food Safety

Responsibility vs. Needs

Social Media

Final Thoughts



Social Media

Engaging the Next Generation of FSQA Workers

Early History

Food Safety Fundamentals

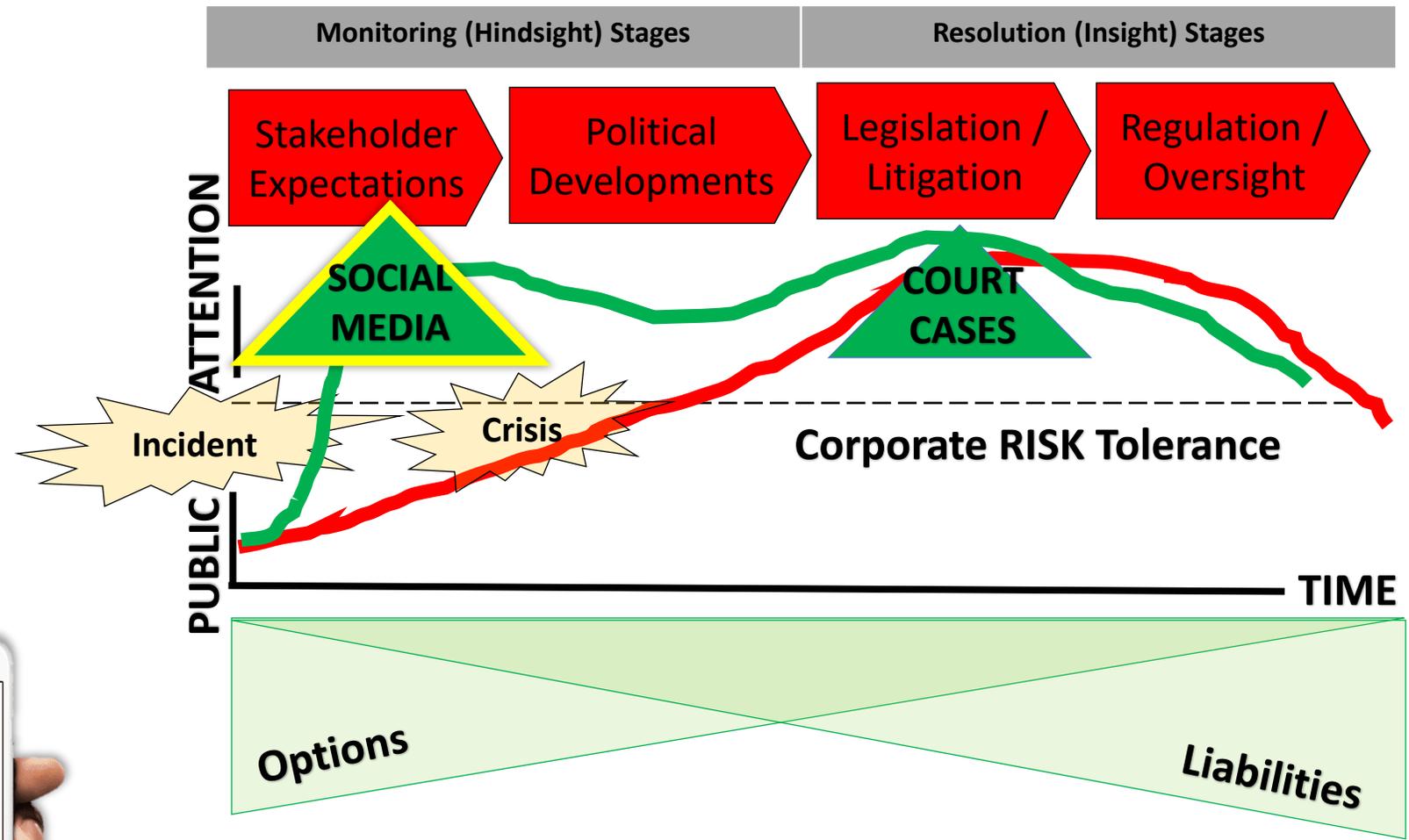
True Burden of Disease

Modern Era of Food Safety

Responsibility vs. Needs

Social Media

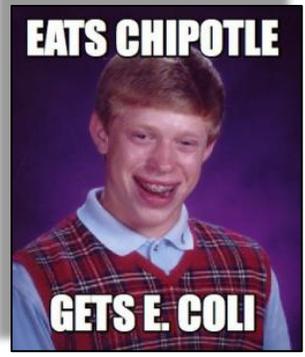
Final Thoughts



Social Media

Engaging the Next Generation of FSQA Workers

- Early History
- Food Safety Fundamentals
- True Burden of Disease
- Modern Era of Food Safety
- Responsibility vs. Needs
- Social Media
- Final Thoughts



Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



Social Media

Engaging the Next Generation of FSQA Workers

Early History

Food Safety Fundamentals

True Burden of Disease

Modern Era of Food Safety

Responsibility vs. Needs

Social Media

Final Thoughts




E. Coli Awareness - Recognise The Symptoms, Know The Facts.
@Ecoliawareness · Community

WA Dept. of Health
@WA_DeptoHealth

E. coli has been reported from eating at Chipotle restaurants in WA and OR. doh.wa.gov/Newsroom/2015N...
8:08 AM - 1 Nov 2015

33 retweets, 8 likes




TRACEGAINS
Plug In. Go Faster.
Automation Solutions for Consumer Brands




Herculean Effort
@Be_Herculean



Stop Foodborne Illness

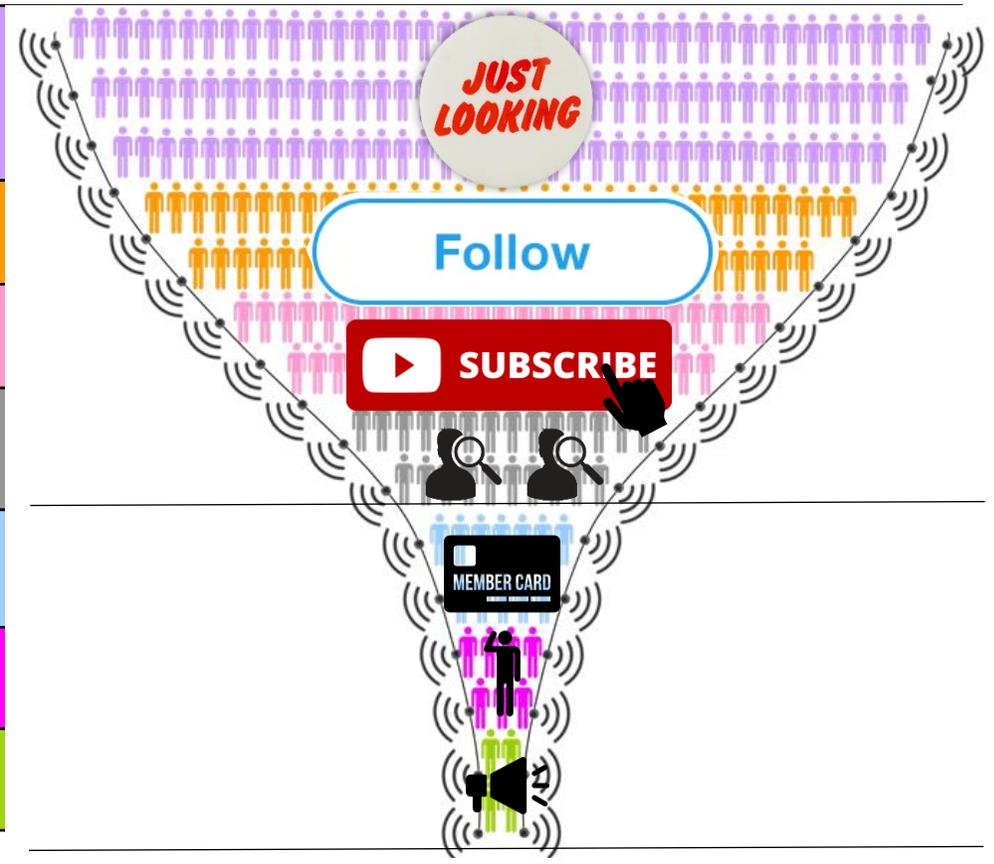
Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



Social Media

Engaging the Next Generation of FSQA Workers

- Early History
- Food Safety Fundamentals
- True Burden of Disease
- Modern Era of Food Safety
- Responsibility vs. Needs
- Social Media
- Final Thoughts



Inspired by Jason Falls, SocialMediaExplorer.com
 © Mark Smiciklas, Digital Strategist, IntersectionConsulting.com/blog

Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



Social Media

Engaging the Next Generation of FSQA Workers

Early History

Food Safety Fundamentals

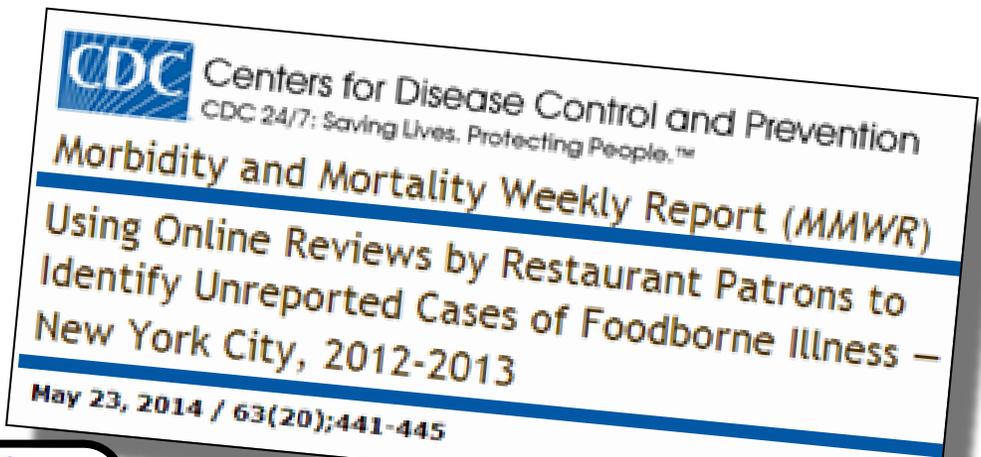
True Burden of Disease

Modern Era of Food Safety

Responsibility vs. Needs

Social Media

Final Thoughts



Sponsored by Marler Clark

FSN | Food Safety News

Breaking news for everyone's consumption

Researchers use iwaspoisoned.com and Amazon reviews to improve food safety

By News Desk on February 10, 2021



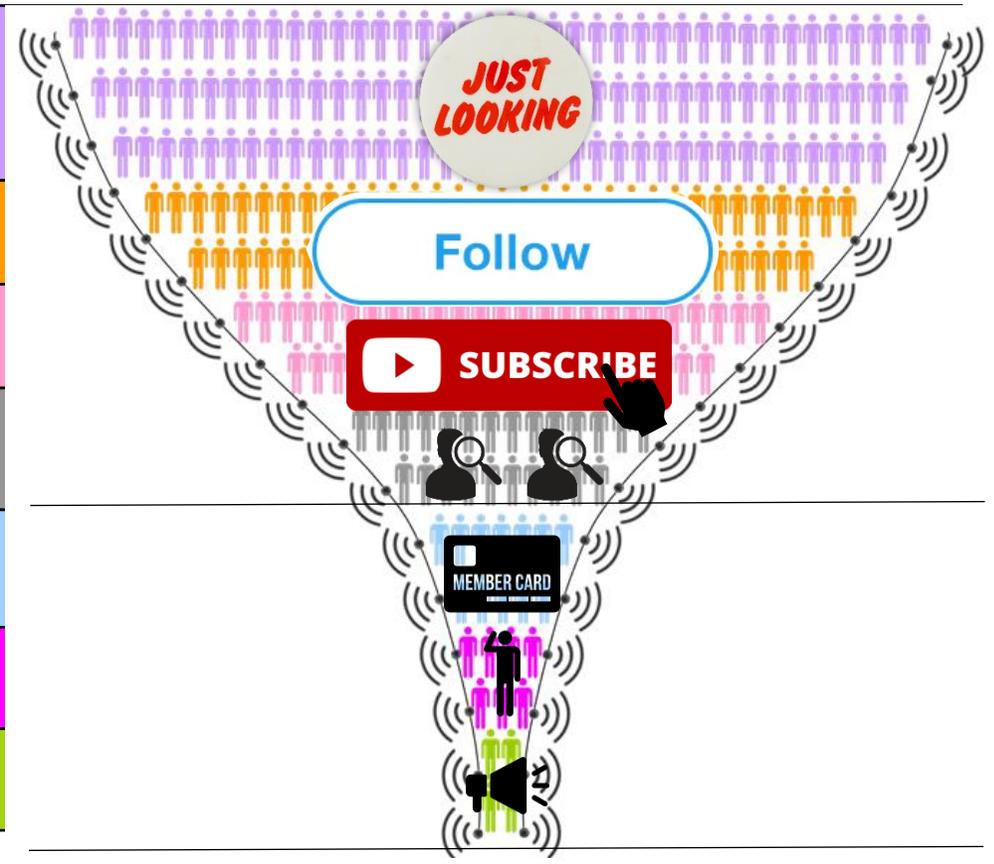
Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



Social Media

Engaging the Next Generation of FSQA Workers

- Early History
- Food Safety Fundamentals
- True Burden of Disease
- Modern Era of Food Safety
- Responsibility vs. Needs
- Social Media
- Final Thoughts



Inspired by Jason Falls, SocialMediaExplorer.com
 © Mark Smiciklas, Digital Strategist, IntersectionConsulting.com/blog

Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



Early History

Food Safety
Fundamentals

True Burden
of Disease

Modern Era of
Food Safety

Responsibility vs.
Needs

Social Media

Final Thoughts



Final Thoughts

Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



Engaging the Next Generation of FSQA Workers

Early History

Food Safety Fundamentals

True Burden of Disease

Modern Era of Food Safety

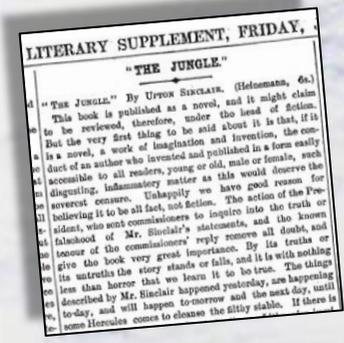
Responsibility vs. Needs

Social Media

Final Thoughts



“The things described by Mr. Sinclair happened **yesterday**, are happening **today**,



and will happen **tomorrow** and **the next day**, Until some ***Hercules*** comes to cleanse the filthy stable.”

- Early History
- Food Safety Fundamentals
- True Burden of Disease
- Modern Era of Food Safety
- Responsibility vs. Needs
- Social Media
- Final Thoughts



Food Safety requires

“Herculean Effort”:



an enormous amount of
Work, Strength, and Courage

Engaging the Next Generation of FSQA Workers

Early History

Food Safety Fundamentals

True Burden of Disease

Modern Era of Food Safety

Responsibility vs. Needs

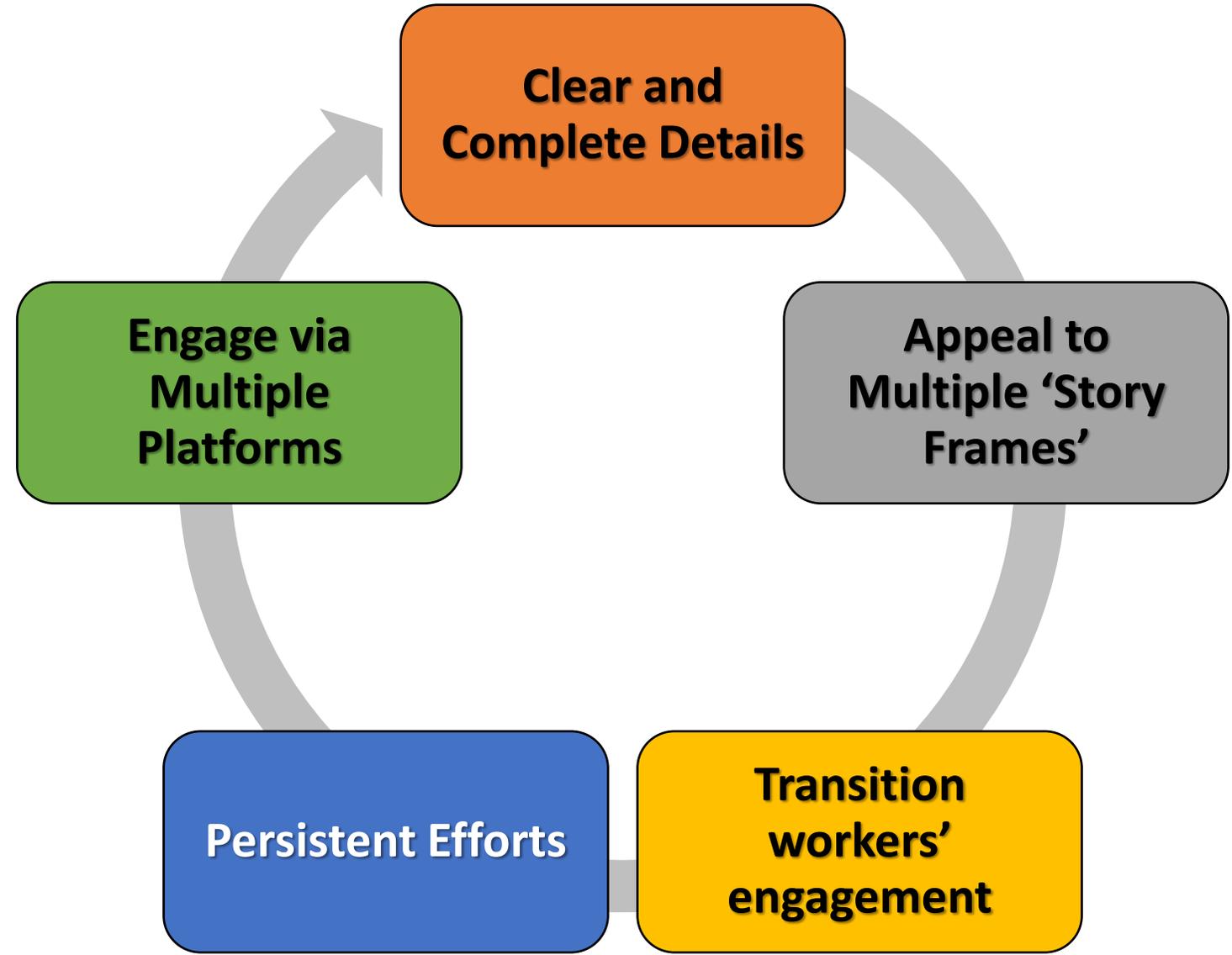
Social Media

Final Thoughts



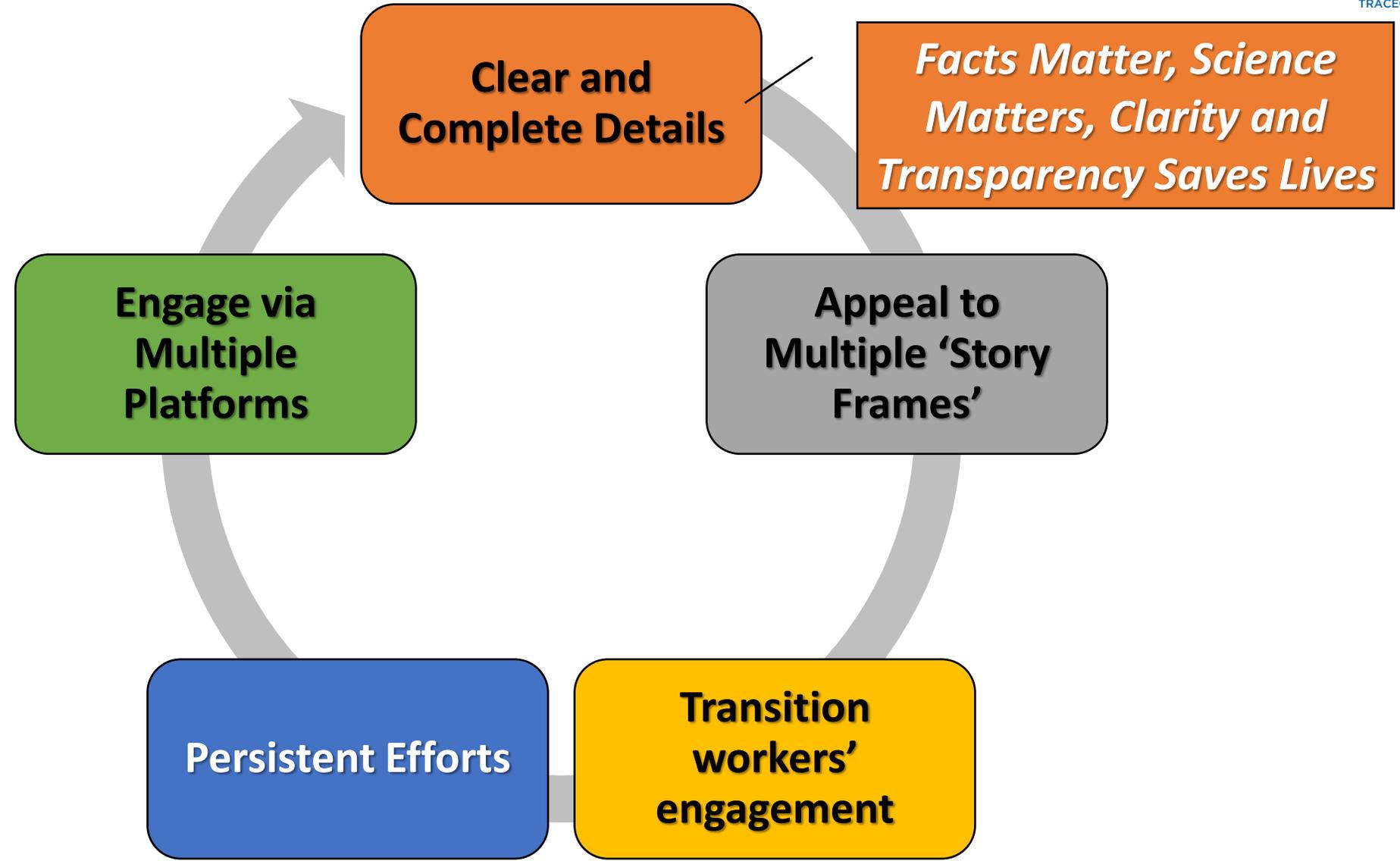
Engaging the Next Generation of FSQA Workers

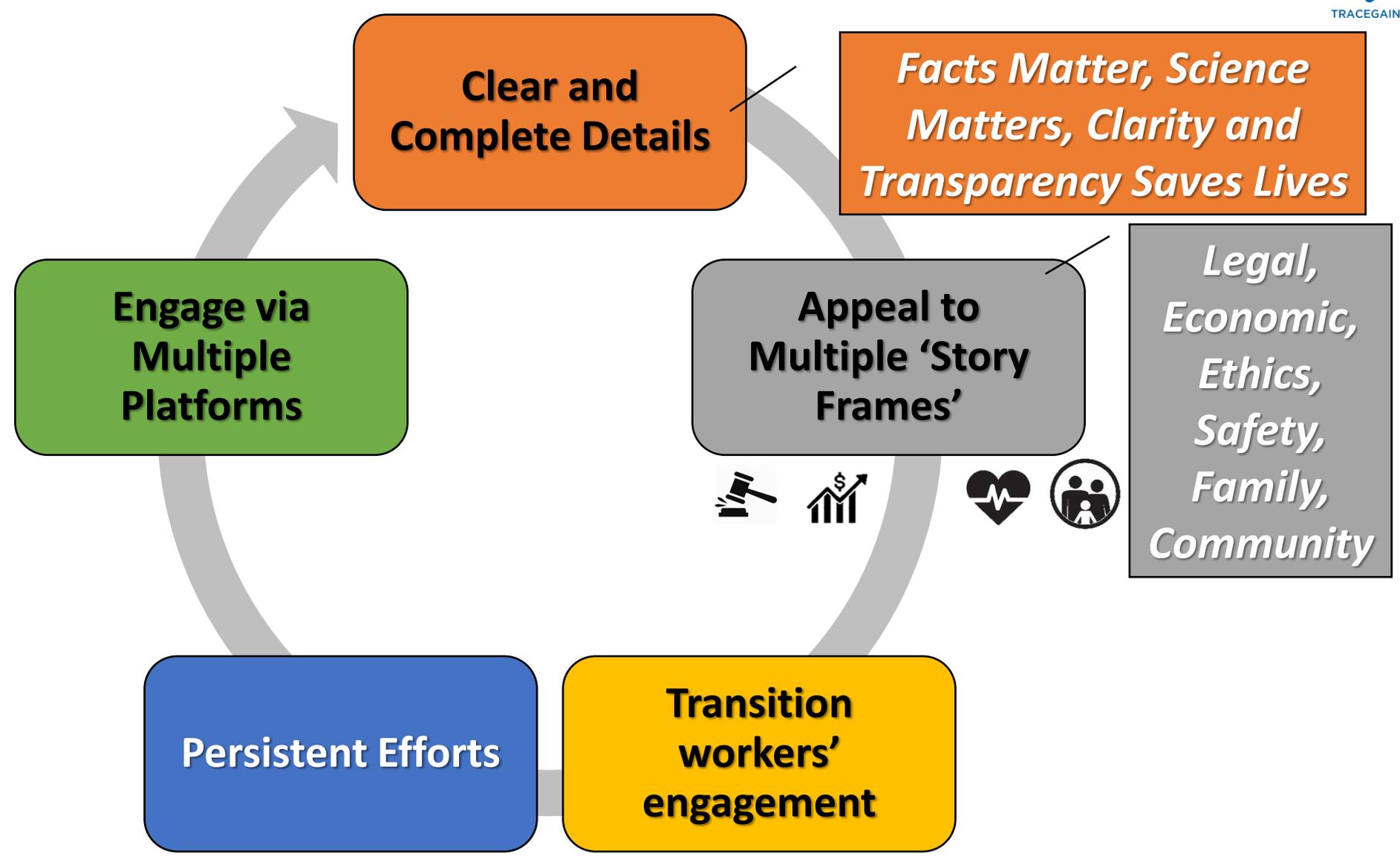
- Early History
- Food Safety Fundamentals
- True Burden of Disease
- Modern Era of Food Safety
- Responsibility vs. Needs
- Social Media
- Final Thoughts

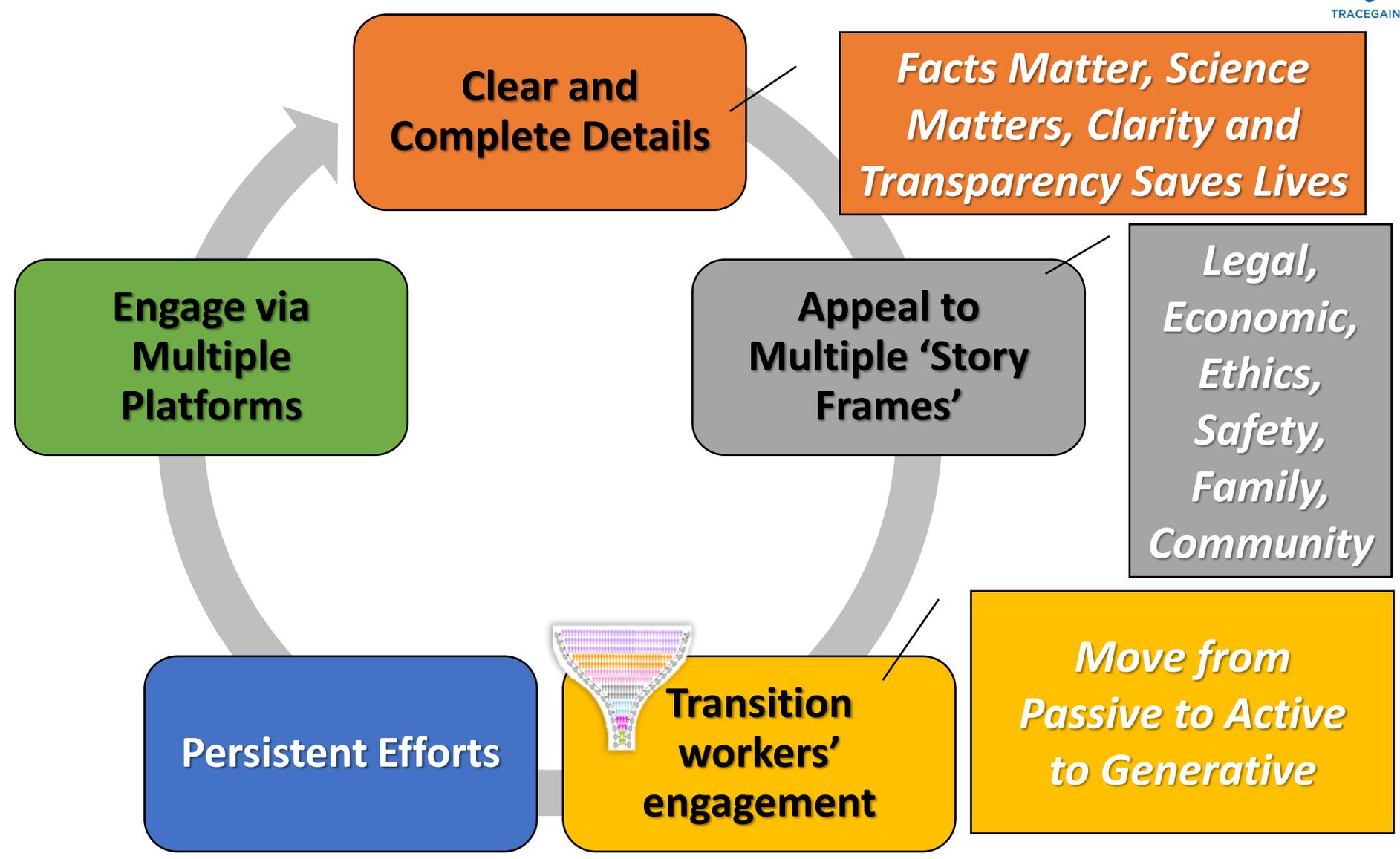


Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



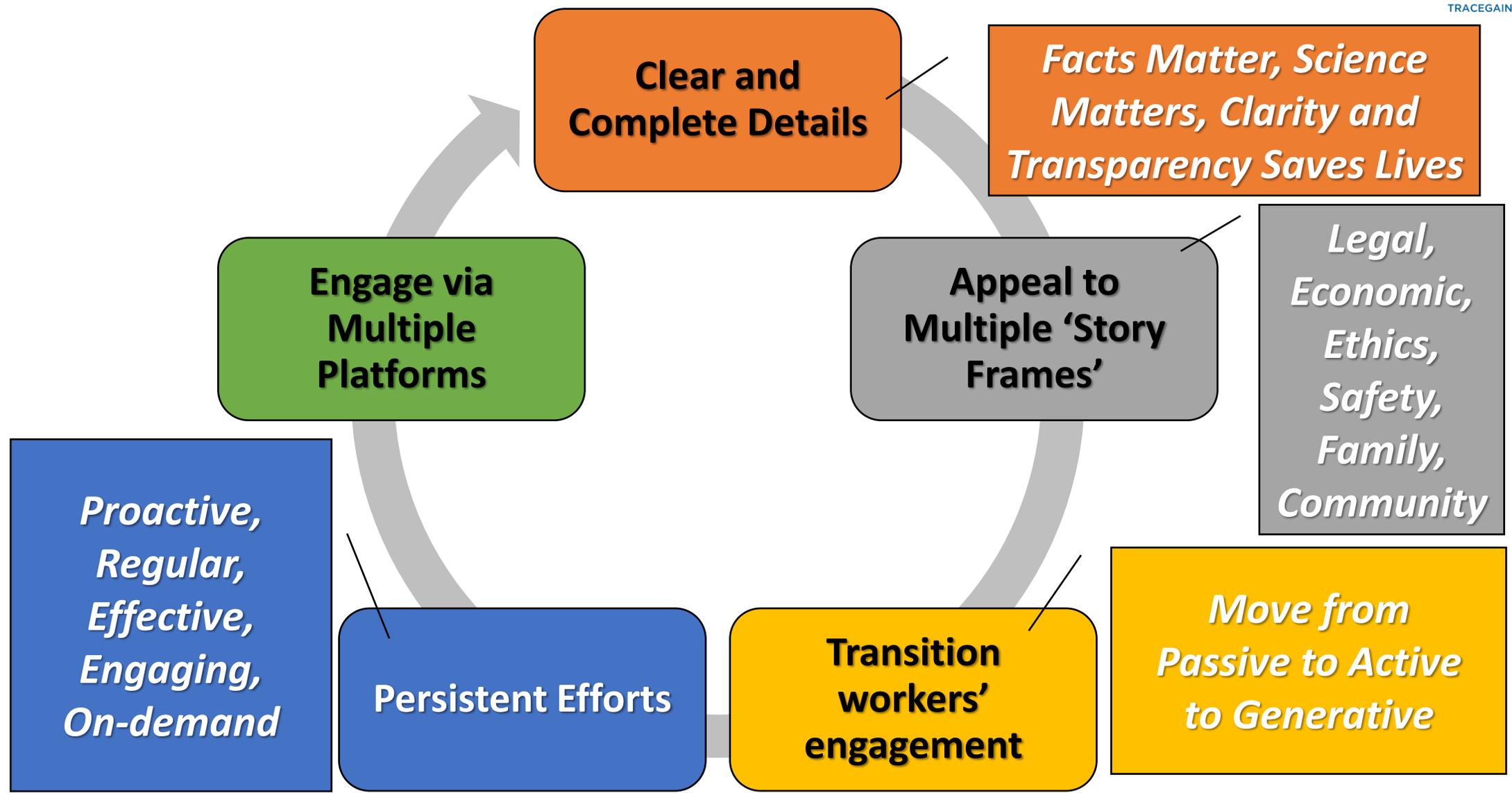


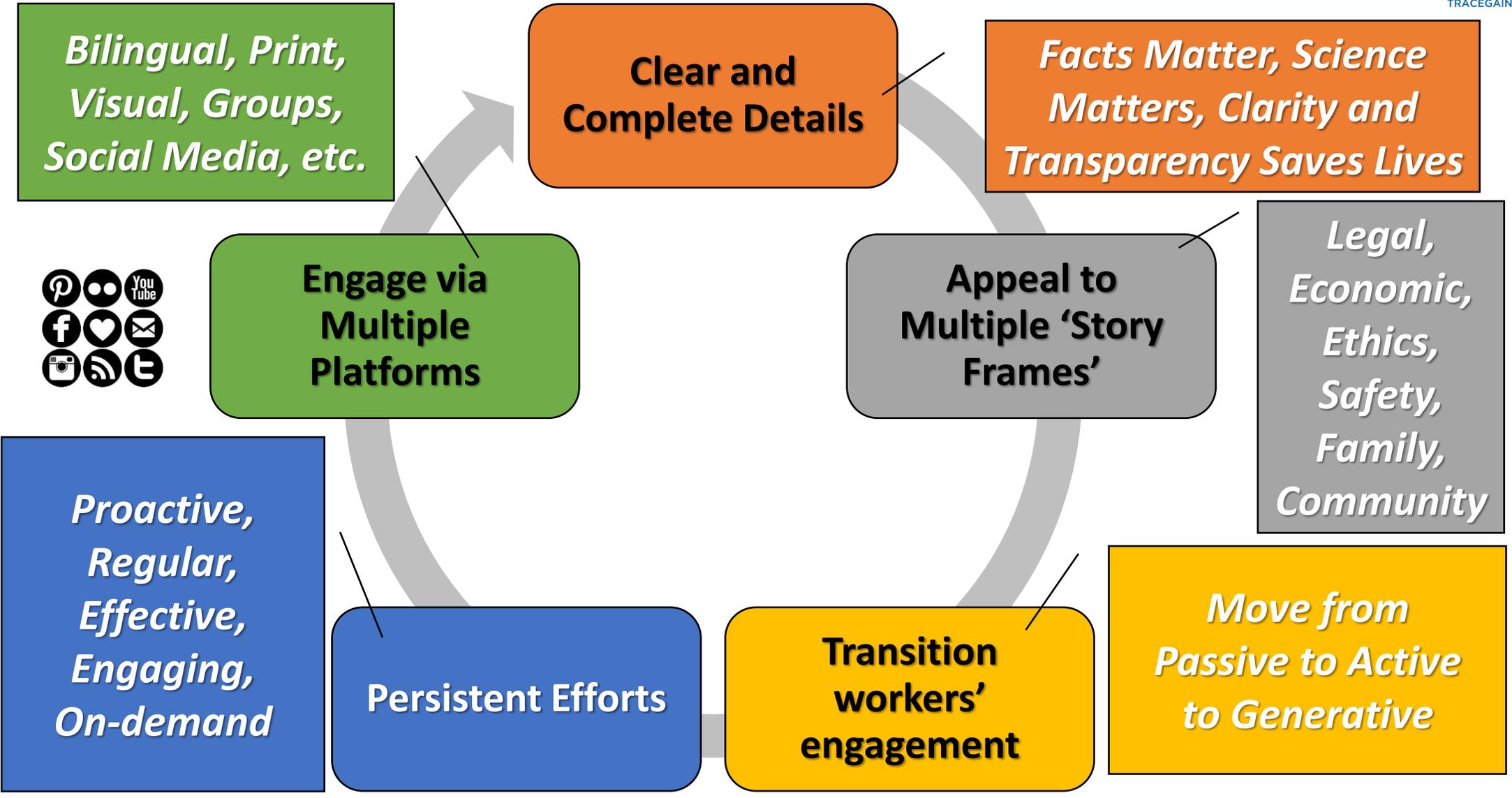




Engaging the Next Generation of FSQA Workers

- Early History
- Food Safety Fundamentals
- True Burden of Disease
- Modern Era of Food Safety
- Responsibility vs. Needs
- Social Media
- Final Thoughts





Food Safety requires
“Herculean” Effort:
an enormous amount of
Work
Strength
Courage

Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



Engaging the Next
Generation of
FSQA Workers

Early History

Food Safety
Fundamentals

True Burden
of Disease

Modern Era of
Food Safety

Responsibility vs.
Needs

Social Media

Final Thoughts



Food Safety requires “Herculean” Effort:

Lead
Educate
Inspire
Advocate

Dr. Darin Detwiler
<https://www.herculeaneffort.net/>
ourherculeaneffort@gmail.com



Engaging the Next
Generation of
FSQA Workers

Early History

Food Safety
Fundamentals

True Burden
of Disease

Modern Era of
Food Safety

Responsibility vs.
Needs

Social Media

Final Thoughts



Engaging the Next Generation of FSQA Workers

Early History

Food Safety Fundamentals

True Burden of Disease

Modern Era of Food Safety

Responsibility vs. Needs

Social Media

Final Thoughts



Thank you for your
Herculean Effort

What The Next Generation of FSQA Workers Is Looking For

“To effectively develop the next generation of leaders, organizations need to take a step back to understand what workers look for in an employer and ensure their recruitment and development strategies align with the things employees value most.”

– [foodsafety.com](https://www.foodsafety.com)



“Clearly communicate your employment brand. Emphasize the trust factor – and what your food & beverage organization does to build and maintain it – everywhere active and passive candidates interact with your brand: your career site, individual job postings, social media sites, recruiting collateral and more.”

– [Kinsa.com](https://www.kinsa.com)

“*Insights* trend known as the “gig economy,” which is characterized by contract or part-time work as opposed to more permanent positions, is gaining popularity among the current day workforce, especially with Generation X and millennials. Their need to plug-and-play within different organizations, while keeping primarily work-life balance in mind has redefined not only the workplace culture, but the safety culture as well.”

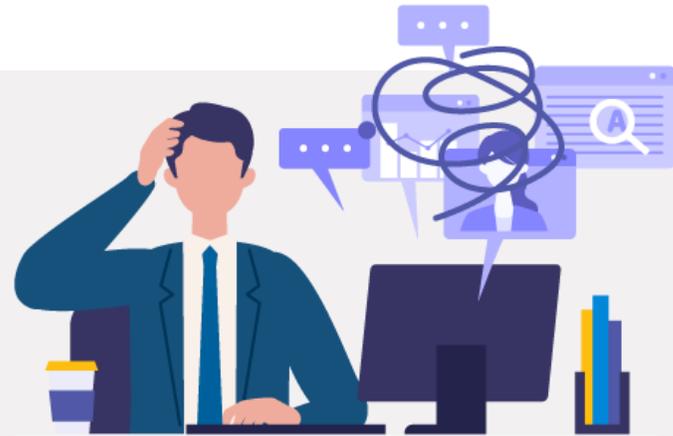
– [QualityAssuranceMag.com](https://www.qualityassurancemag.com)

“To capitalize on the revolutionary period in manufacturing, F&B companies must recognize the value in the mountains of data they are producing and use this data to drive faster, more informed business decisions.”

– [FoodProcessing.com](https://www.foodprocessing.com)

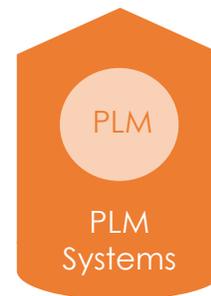
Challenges Facing Companies In Search Of The Next Generation

Reliance on manual processes that are labor-intensive and slow.



Slow collaboration between stakeholders and supply chain creating extra work.

Data is scattered across old legacy system.



Digital Transformation is More than Technology

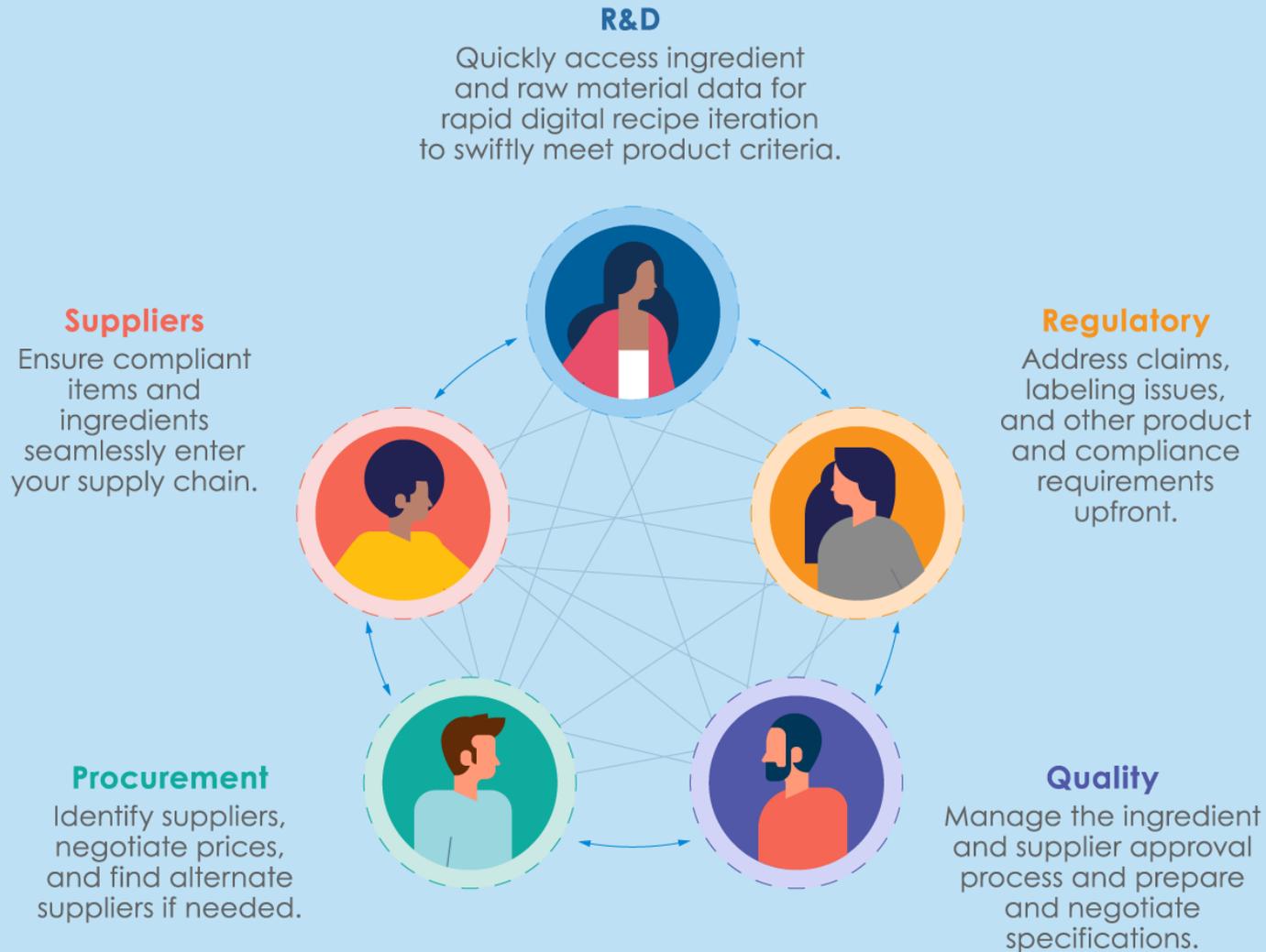
Change the way your
company thinks
about data

Create a culture of
food safety that
goes beyond
Quality Dept.

Bring people and
data together to work
smarter



TraceGains Connects Departments with Suppliers so Teams can Work Smarter



Live Q&A



Thank You
Plug In. Go Faster.