Global Food Aid Program
2015 Update

Bruce Schactler & Nina Schlossman, PhD
All Hands Meeting
Anchorage, AK – October 2015
In the past year

ASMI Global Food Aid Program focused on solutions for industry & expanding impact with new species & product forms in new markets

$39+ million USDA purchases of canned Pink & Sockeye Salmon
PINK AND RED CANNED SALMON: USDA PURCHASES 2015
TOTAL AMOUNT: $39,387,961
TOTAL CASES: 1,095,200

AMS Commodity Purchasing data compiled from ams.usda.gov/selling-food/solicitations

Alaska Global Food Aid Program
All Hands Meeting, Anchorage 2015
Kosher Canned Salmon Sales: 0 to 266,000 cases in 2 years

United States Department of Agriculture Kosher Canned Salmon Purchases
Pink & Sockeye # of Cases

# of Cases

2013 2014 2015-July 2015-September
The World Needs Alaska Seafood

Responding to need

- Canned Salmon and other Alaska seafood are effective in emergencies
- They are popular, easy to handle & eat in any emergency situation
- They should be prepositioned for relief efforts

Continuing to build the evidence

- Pilot projects show results and call for further investigation
- We are conducting field research and RCT’s to prove benefits
The World Needs Alaska Seafood

Responding to demand

- Growing need for new, abundant, safe, and cost-effective foods high in protein and omega 3's

Alaska seafood can be all of these things

New Alaska Seafood Products – meals, powders, oils & other forms:

- To deliver high quality marine protein and Omega 3's,
- Made from underutilized species, byproducts and waste recovery
- Environmentally gentle and sustainable

Consumer testing to build the evidence

- Consumer testing – acceptability, effectiveness
- Commercial market development
- Field and clinical research & RCT to prove benefits
Feature Projects

- USA
- Republic of Congo
- Guinea-Bissau & Liberia
- Philippines
Gathering Evidence

Republic of Congo

- Salmon powder improving of school meal nutrition, taste and quality
- High acceptability with long term daily consumption during one school year

Guinea-Bissau

- 4 village randomized controlled trial (RCT) to mitigate malnutrition with canned Herring in lean season
Republic of Congo Results

- Acceptable & feasible to incorporate *Salmon Powder* in school meals of 9,000 kids

- R&D to improve taste and sensory profile

- Next generation powder for commercial applications
Guinea-Bissau
On-going

- **AK Herring** marine source of high potency nutrients with measurable nutrition benefits for HIV/AIDS patients in Liberia

- 1st RCT Field Research to test nutritional benefits in lean season in 1,000 kids
Hunger Hurts - Malnutrition Kills

1 Billion people don’t get enough nutritious foods to eat

37 million hungry in America

> 60% of babies globally are underweight at birth

165 million children <5 stunted (25.7%) worldwide

> 3 million children die from malnutrition every year
Food Aid & Nutrition Research

There are 68 research studies underway around the globe focused on nutrition and food aid.

“It’s the collective science that will influence the future direction of USAID,”

Source: Patrick Webb, Tufts’ Friedman School of Nutrition Science and Policy
FDA urges pregnant women to eat more seafood

DGA (2010), AHA, WHO, recommend 2-3 servings of fish a week

2015 Dietary Guidelines Report: 2-3 servings a week of fish consumption a priority recommendation

WIC is reviewing its food baskets to be more in line with US food science and policy and needs to add canned salmon to all baskets

We provide testimony & push to implement science-based fish consumption recommendations in all USG food and nutrition programs
Global Trends in Nutrition & Health

- More emergencies ↑ humanitarian needs
  - Natural disasters & human conflicts

- Public health risks continue (Ebola, TB, AIDS…)

- Maternal & infant nutrition gets ↑ attention
  - 1st 1,000 days, adolescent girls in/out of school

- Nutrition throughout life – womb to tomb
  - Food & lifestyle choices, people living longer
  - New generation foods needed to treat early malnutrition and prevent obesity and NCDs
Global Food & Nutrition Needs

Protein in 2050 – where is it going to come from?

- Animal protein production expected to double to meet rising demand especially in developing countries

- Are food systems sustainable?

- What’s the environmental impact of agriculture?

- WHO is promoting consumption of insects like crickets, cricket flour

What about marine sources?