

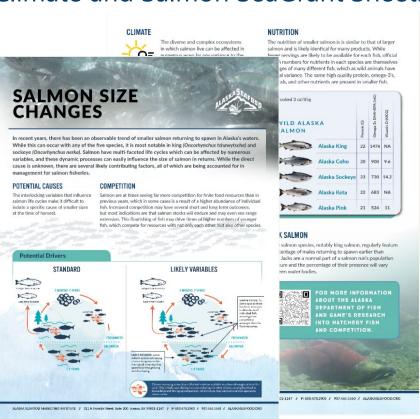


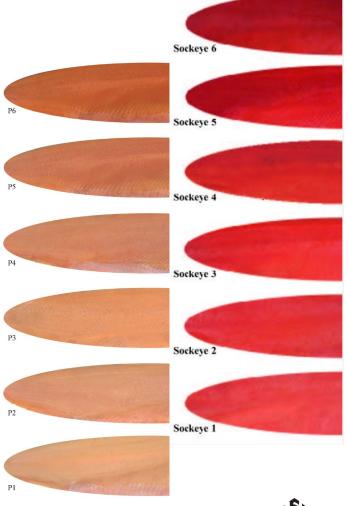
### **Materials**



- In-Plant Adjustments
- Climate and Salmon SeaGrant Sheets









### **Nutrition:**

### Welcome Roxana Ehsani, MS, RD, CSSD, LDN



- RDN
- Board Certified Sports Dietitian
- Medical Review Board for:
  - Everyday Health (also does recipe dev for them
  - Health.com
  - Verywell Health
- Natl Nutrition Media Spokesperson
- Adj. Prof at VA Tech in sports nutrition









### **Applied Investigations**









- Nutrient/Contaminant Database
- Alaska Salmon Consumption and Reduced Inflammation for Breast Cancer (UCONN)
- Consumer Acceptability and Shelf-life Assessment of Frozen Seafood
- Sustainable Packaging Literature/Regulatory Analysis and Guidance for Industry
- Chef Sensory Analysis of Frozen AK Seafood
- McKinley Efforts
  - Update of specialty product analysis
  - Feasibility of reshoring of value-added production (w AFDF)



## NOAA SK Grant: Nutrient Contaminant Database

#### Selected Species:

Definite Inclusion	Plus 2 to 6 of:	
P. Cod	Sablefish	
Pollock	Opilio	
Sockeye	Coho	
Keta	Red King Crab	
Halibut	Golden King Crab	
Pink Salmon	Roe or Oil	

#### Samples Received:

Species	Number	Area	<b>Processing complete</b>
Halibut	20	GoA	In progress
Pollock	60	Bering	40 out of 60
Pink Salmon	20	GoA	Yes
Sockeye Salmon	20	GoA	Yes
Chum Salmon	20	GoA	Yes
Chinook Salmon	20	SE	No



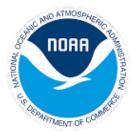




# NOAA SK Grant: Nutrient Contaminant Database: As of 11/10/22

Species	GoA	BSAI	SE
Halibut	20/20	0/20	0/20
Pollock	0/30	40/30	NA
Pink	20/20	0/20	0/20
Sox	20/20	0/20	0/20
Keta	20/20	0/20	0/20
P Cod	0/20	0/20	0/20
Chinook*			20/20*
Sablefish	0/20	0/20	0/20
Coho	0/20	0/20	0/20







## NOAA SK Grant: Nutrient Contaminant Database: As of 4/11/23

Green=In hand Yellow=Agreement in place or in progress

Species	GoA	BSAI	SE
Halibut	20/20	0/20	0/20
Pollock	0/30	40/30	NA
Pink	20/20	0/20	18/20
Sox	20/20	0/20	20/20
Keta	20/20	0/20	20/20
P Cod	0/20	0/20	0/20
King salmon*	*	*	20/20*
Sablefish	0/20	0/20	0/20
Coho	0/20	0/20	20/20





Recommendation: Inclusion of chinook, sablefish, coho. Discussion needed re: shellfish First nutritionals received 3/1/23



# Seafood Innovation & Quality Summit

MARCH 20 @ 8:30 AM - 3:00 PM | Free



















### **Seafood Innovation & Quality Summit**

#### A GATHERING FOR NEW ENGLAND CHEFS

#### MARCH 20 | MONDAY | PORTLAND, ME

Join us for a day of culinary tasting, innovative local product sampling, demonstrations, and more. This event has limited capacity, so register today!

Researchers from the Alaska Seafood Marketing Institute, University of Maine, and Oregon State
University are working to enhance the quality of US seafood and need the help of chefs to do it. If you are a
chef or foodservice professional in the New England area and want to help improve the quality of seafood,
join us for an lively gathering giving you first access to new and innovative seafood products and processes,
industry networking and more.

- Engage with local seafood vendors on their innovative new products and efforts
- Keynote Presentation from Barton Seaver
- Culinary demonstrations
- · Discussion panel comprised of prominent seafood academics, local trendsetters, and chefs
- · Sample wild caught US seafood as part of research
  - Participants in research tasting to receive \$50 compensation





## **Seafood Innovation and Quality Summit**



Sensory Program Director OSU's Food Innovation Center



Food Science Innovation Coordinator/Facility Manager for the School of Food and Agriculture Chapter Lead: ACF Downeast









## **Seafood Innovation and Quality Summit**





**Species of Inclusion** 

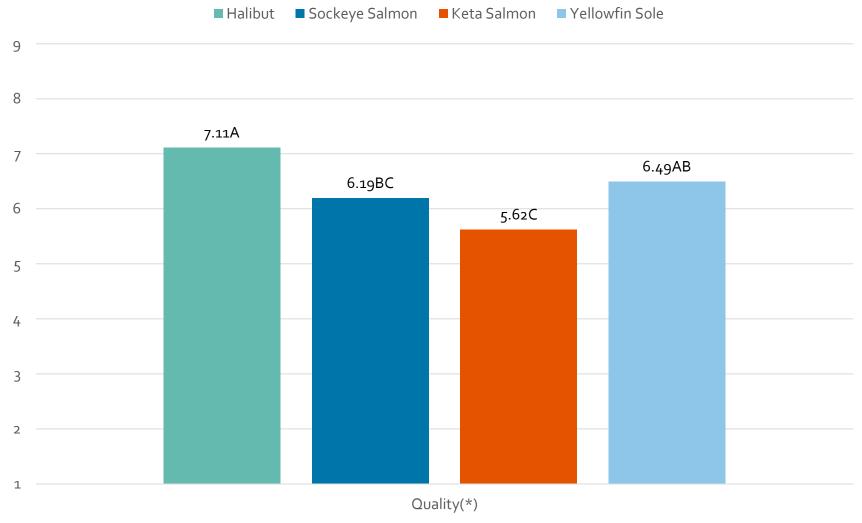




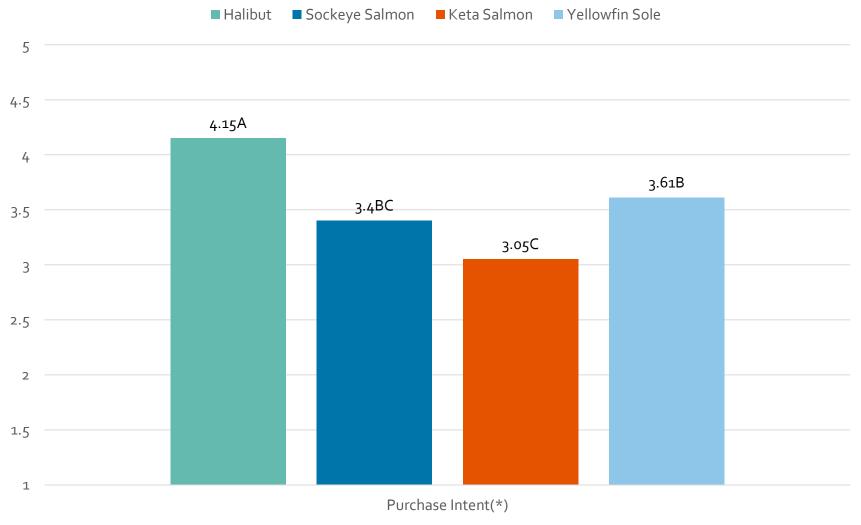
- Simple preparation by seafood-savvy chefs of high quality frozen product
- No comparative element
- Qualtrics and/or Compusense systems, results will be analyzed at the 95% confidence level
- 'Chefs as consumers' data as well as sensory
- raw and summarized data will be presented in a summary report



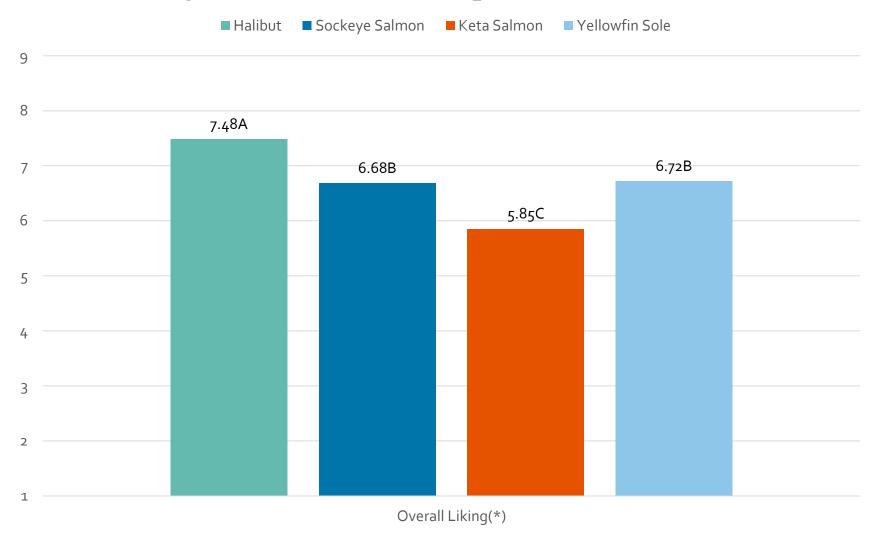
# **Quality - Mean Graph**



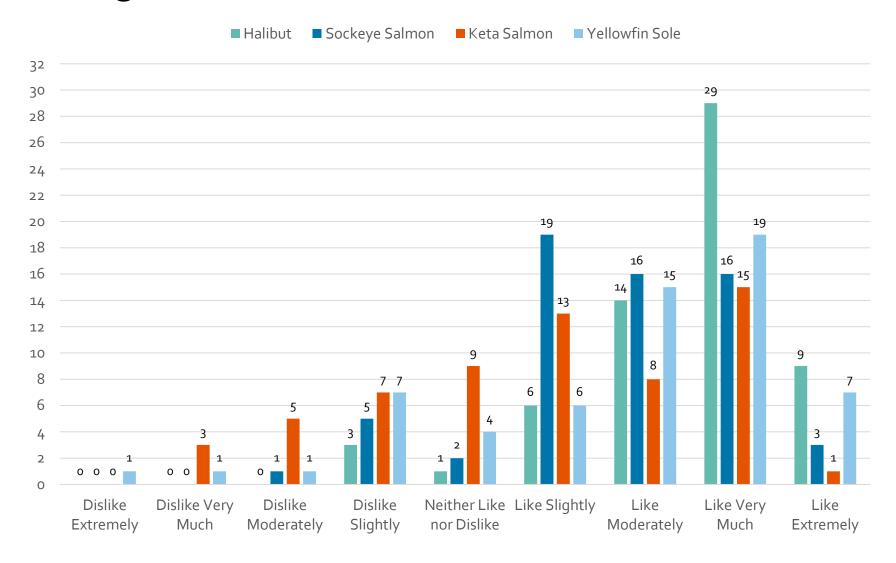
# Purchase intent - Mean Graph



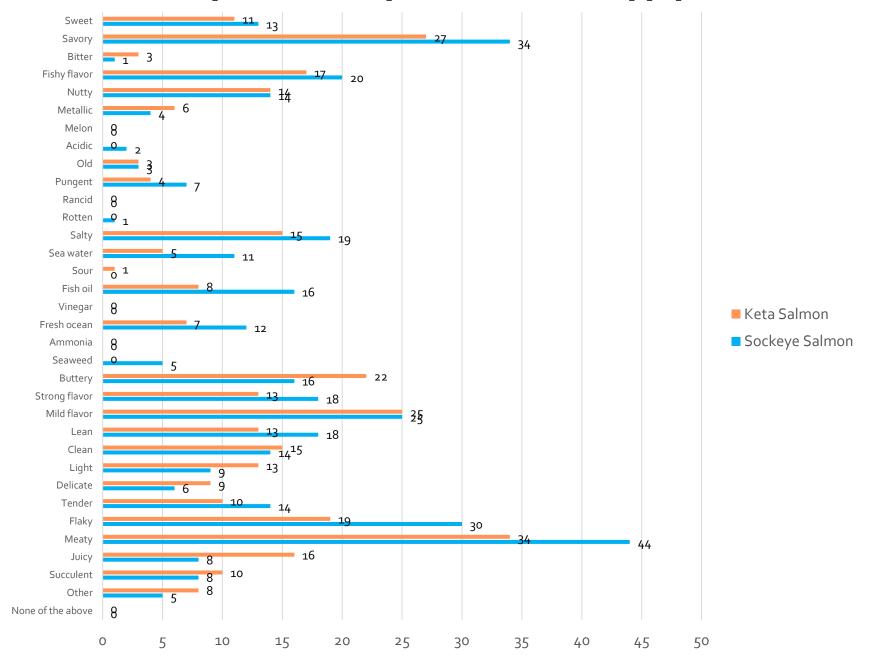
# Overall liking - Mean Graph



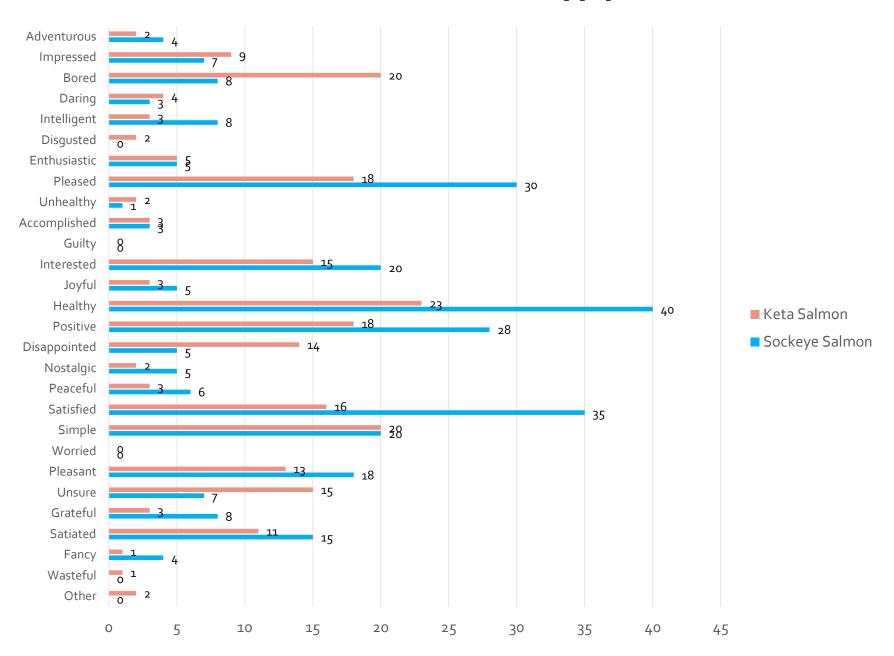
### Overall Liking - Crosstabulations



### Salmon Descriptive Sensory Check all that apply, n=61



### Salmon Essense 28 Emotion Check all that apply for Seafood, n=61





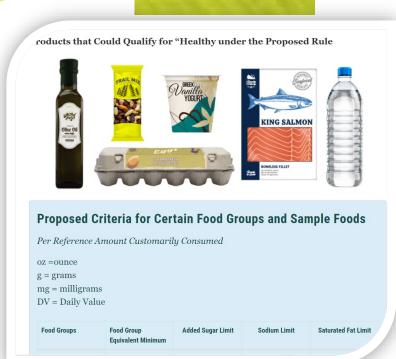
## Trade Education/Regulatory

- ALASKA
- ACCELERATE ALASKA

FDA U.S. FOOD & DRUG

**ADMINISTRATION** 

- 'Healthy' Rule
- Alaska Farm Bureau w/McKinley
- Accelerate Alaska
- Martha Stewart



# **THANK YOU**

John Burrows
Program Director

jburrows@alaskaseafood.org



