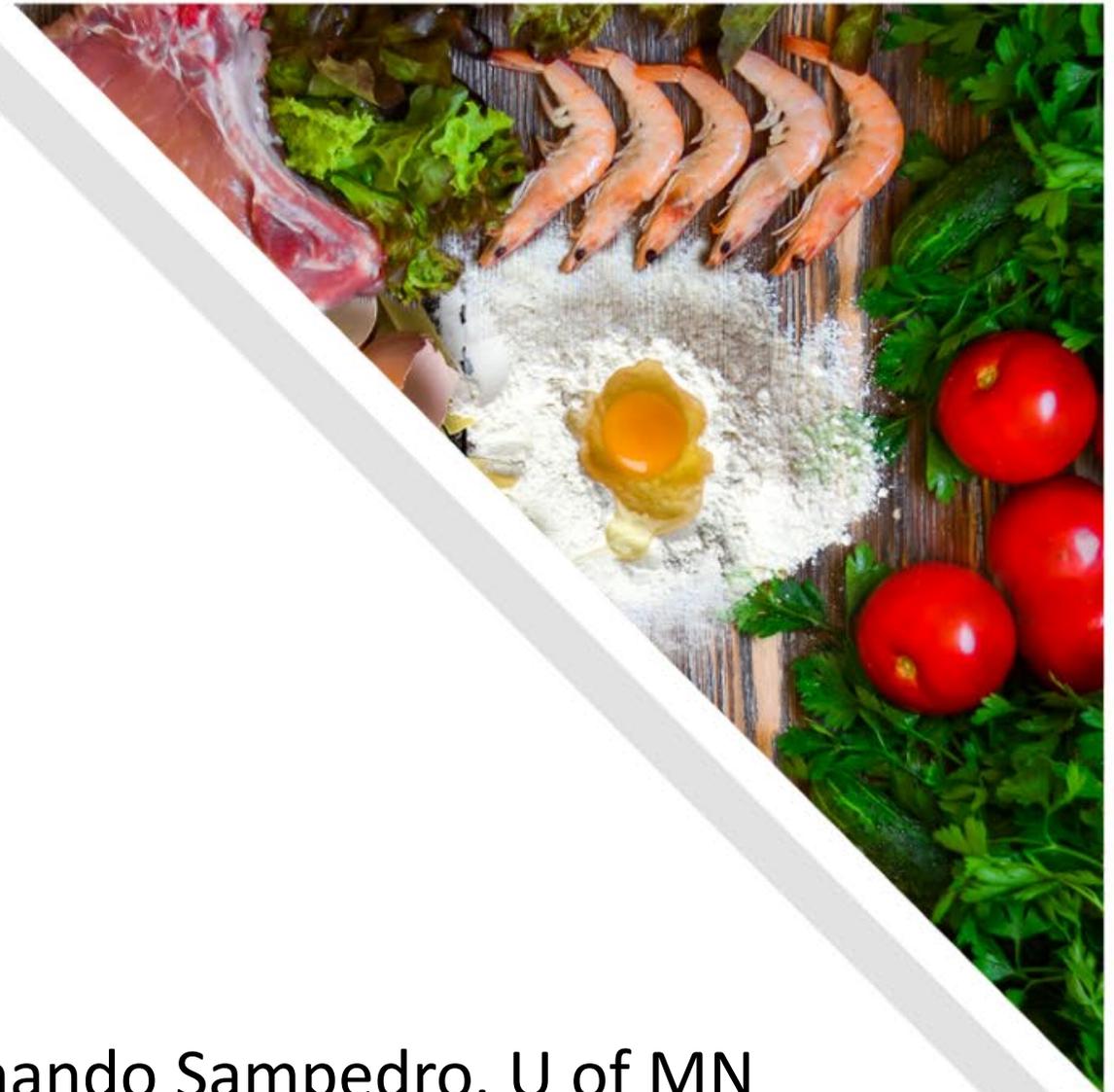


Building an international consortium in risk analysis for Latin America



FOOD SAFETY
RISK ANALYSIS
CONSORTIUM

Fernando Sampedro, U of MN
IAFP 2018, Salt Lake City



- WHY Background
- WHO FSRisk Consortium
- WHAT Mission, Vision and Objectives
- HOW Hybrid capacity-building program

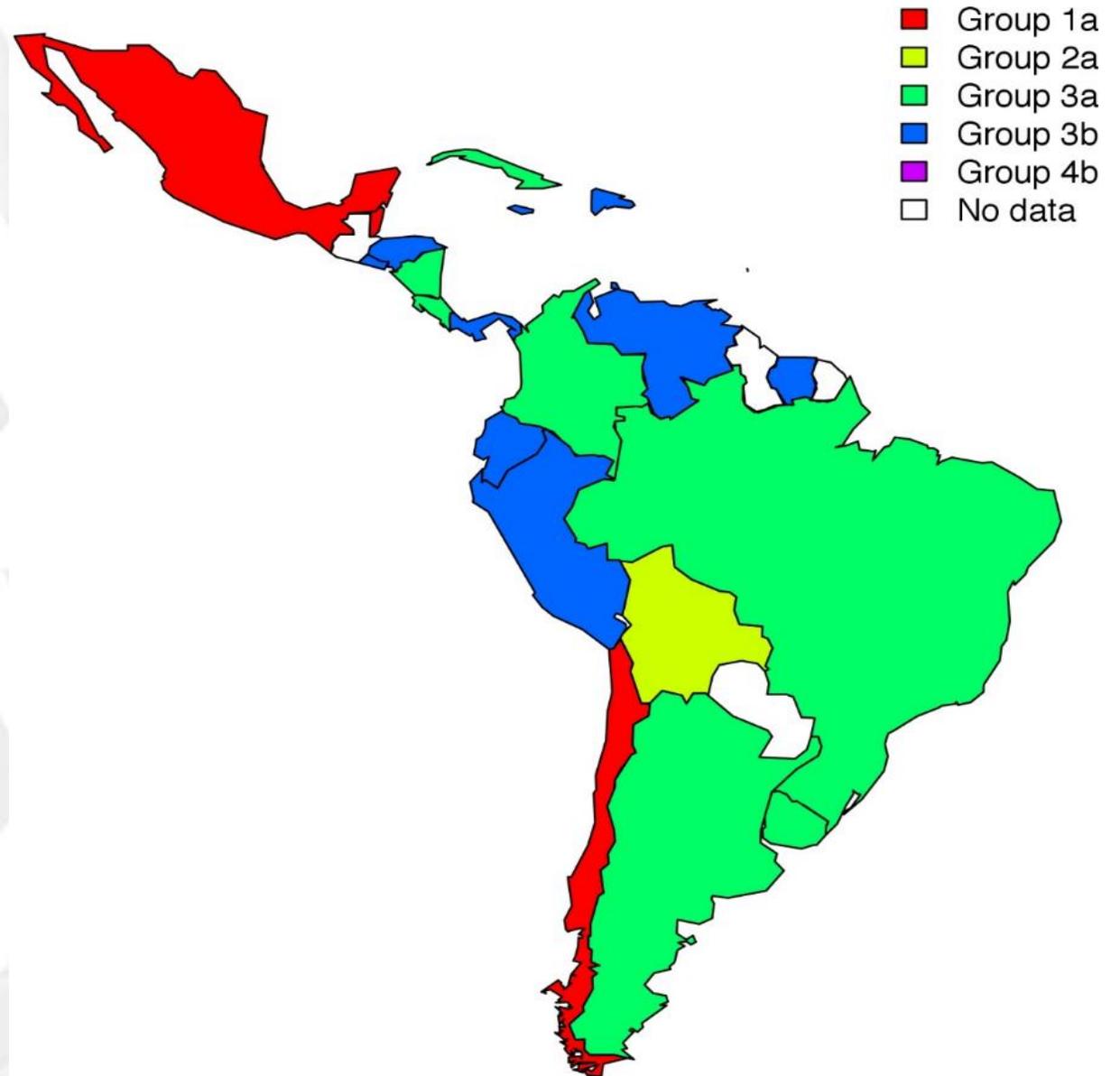
WHY?

- Latin America is one of the largest food production and exports region
- Disparity in food safety regulations
- Severe budget restrictions in regulatory bodies
- Overwhelming increase in artisanal and small-size food establishments
- Lack of technical support against export market restrictions and emerging risks
- Demand to modernize the food inspection and surveillance systems: efficient, risk- and evidence-based

Survey 2013: Status of risk analysis knowledge and implementation in Latin America

Commerce was the main driver
Disparate level of implementation

Government Group by Country



Knowledge and Perceived Implementation of Food Safety Risk Analysis Framework in Latin America and the Caribbean Region. C. CHERRY, A. HOFELICH MOHR, T. LINDSAY, F. DIEZ-GONZALEZ, W. HUESTON AND F. SAMPEDRO. Journal of Food Protection, Vol. 77, No. 12, 2014, Pages 2098–2105

Progress (5 yrs.)

- Red de Seguridad Alimentaria-RSA (Argentina)
 - rsa.conicet.gov.ar
- Chilean Food Safety Agency-ACHIPIA (Chile)
 - achipia.gob.cl
- Risk Assessment Unit-ERIA (Colombia)
 - [ins.gov.co/Direcciones/Vigilancia/Paginas/Evaluacion-de-Riesgos-en-Inocuidad-de-Alimentos-\(ERIA\).aspx](http://ins.gov.co/Direcciones/Vigilancia/Paginas/Evaluacion-de-Riesgos-en-Inocuidad-de-Alimentos-(ERIA).aspx)

WHY?

- Coordinated effort between international/regional agencies and universities
- TO AVOID:
 - Duplicity
 - Lack of harmonization = Confusion
- TO ACHIEVE:
 - Shared resources and expertise
 - Standardized curriculum

FSRisk Consortium



- Develop a food safety risk analysis training program for LAC countries
- Create a cadre of food safety risk analysis trainers in the region
- Establish new collaborative programs and information exchange



WHAT? FSRISK expertise

- Chemical and biological
- Quantitative methods and tools

Risk
assessment



- Risk profiles
- Risk ranking
- Risk-based inspection

Risk
management



- Risk communication plan

Risk
communication



HARMONIZED CURRICULUM

HOW?

AVOIDING THE “ONE-HIT” TRAINING PANDEMIC

From manuals to e-learning



Hybrid model

HOW? Guidance documents

- Risk analysis principles (Spanish and English, in progress)
- Microbial risk assessment (Spanish, in progress)
 - Microbial risk assessment tools & software
 - Case studies from the region
- Risk-based inspection (English, future)
 - Develop a risk-based food inspection system
 - Catalyze harmonization and equivalency
- Risk communication (Spanish, future)
 - Develop a risk communication plan for Ministries

HOW? Training program

- Hybrid capacity-building program
 - Online (online platform) with course modules
 - In-person for hands-on activities
 - Trainers in countries to further disseminate the information
- Development of in-country projects
 - Impactful projects with multi-sectorial involvement
 - Mentoring for project development

PROGRESSVET (U OF MN)

- Programa Regional de Educación Sistemática de Servicios Veterinarios in LATAM
- Online modules based on OIE veterinary competencies
- In-person meetings beginning and end
- Participants must have a project before starting
- Mentoring during the program
- <http://progressvet.umn.edu/>

ProgRESSVet
Programa Regional de Educación Sistemática de Servicios Veterinarios

HOW? Budget model

- In-kind time and internal funding
- Courses free of charge & fee for the certificate
 - Similar to other FSMA-related alliances
- Looking for additional funding sources

EXPECTED OUTCOMES

1. Modernize the food inspection systems (efficient and risk-based)
2. Promote the development of technical documents that support decision-making
3. Improve risk communication at the government level

FUTURE CONSIDERATIONS

- Create a network of food safety agencies/units in the region in risk analysis
- Joint risk assessments that affect several countries
- Provide independent support for countries
- Website

Thank you!
Gracias!
Obrigado!

