



November , 06



上海交通大学 陆伯勋食品安全研究中心

Bor S. Luh Food Safety Research Center of Shanghai Jiao Tong University

Bor S. Luh Food Safety Research Center and its Training Programs

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Overview of SJTU

- > Established in 1896 as Nan Yang College, SJTU is one of the first national institutions of higher learning in China
- > Ranked in top # 4 in China at present



Overview of SJTU



- > **5** campus, **3,225** km²
- > **28** schools (departments)
- > **64** undergraduate programs
- > **250** masters-degree programs
- > **203** Ph.D. programs
- > **28** post-doctorate programs
- > **11** state key laboratories and national engineering research centers

Bor S. Luh Center: Establishment

Bor S. Luh Food Safety Research Center was established on April 25, 2005, and named after Dr. Bor Shiun Luh, an alumni of Shanghai Jiao Tong University (1938). Dr. Luh contributed \$3 million US dollars to establish the Center.



Bor Shiun Luh
(1916-2001)



Establishment Ceremony
2005-04-25

Bor S. Luh Center: Leadership

President of the Board: Dr. Wei Cai

Chairman of the Advisory Committee: Dr. Joseph Jen

Advisory Committee : 13 Members, from government, academia, and industry



Dr. Wei Cai

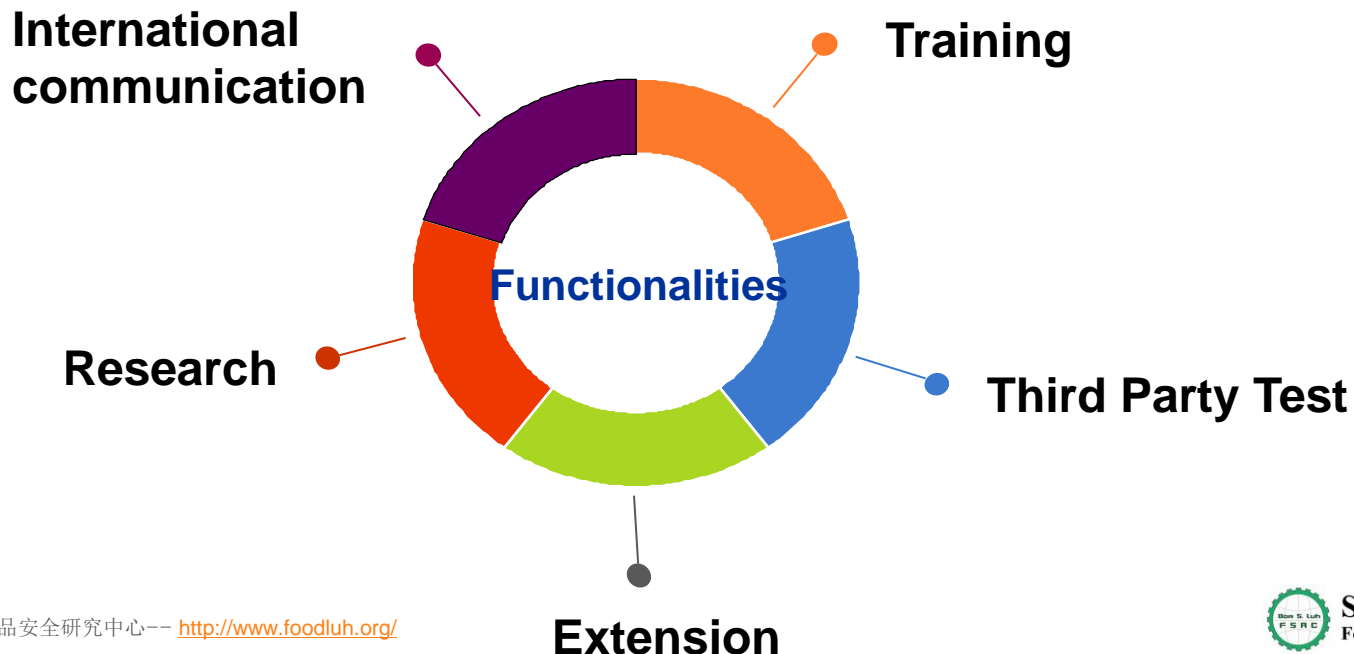


Dr. Joseph Jen

Bor S. Luh Center: Vision & Functionalities

Vision of the Center: Establish itself to become the authoritative voice for Food Safety issues in China.

- > Seek strong support from the University and related academic fields, the Shanghai and China's food processing industries, and the relevant government agencies on the one hand,
- > Develop sound food safety research projects, credible training and outreach activities, and appropriate instruction and academic programs on the other hand.



Shared Responsibility for Food Safety

- > **Government**
- > **Food Industry**
- > **Consumer**
- > **Media**
- > **Academia**

Food safety education
Train food safety workers
Perform food safety research
Connect government, industry, consumer and media

Shared Responsibility



**Food Safety:
From farm to table**



5 Training Programs

- 1 **SJTU-SSAFE-GFSI Training Program**
 - 2 **HACCP Training Program**
 - 3 **General Knowledge of Food Safety Training program for SME**
 - 4 **Specific trainings for companies & organizations**
 - 5 **Programs for popularization of food safety knowledge**
-

1 SJTU-SSAFE-GFSI Training Program



SJTU through its Bor S. Luh Food Safety Center coordinates and administers this program.

> **Cooperation Organisation:**

Global Food Safety Initiative (GFSI)

Safe Supply of Affordable Food Everywhere (SSAFE)

> **Sponsored by SSAFE, 2013-2015.**

> **GFSI Global Market Tool was translated into Chinese and used as training material.**

1 SJTU-SSAFE-GFSI Training Program

- > **SJTU--SSAFE--GFSI Global Markets Program Food Safety Workshop**
 - Basic level I : October 26-28, 2013, Shanghai
 - Basic level II : June 4-5, 2014 , Shanghai
- > **Instructors:** from academia and industry: SJTU; Pepsico., Inc.; Cargill; Metro
- > **Trainees:** from Suzhou, Dalian, Guangzhou, Fujian Province, Sichuan Province, ect.
- > **Intermediate level training:** Nov 10-11,2014, Shanghai



2 HACCP Training Program

Food Safety Prerequisite Programs and HACCP System (May-June, 2013)

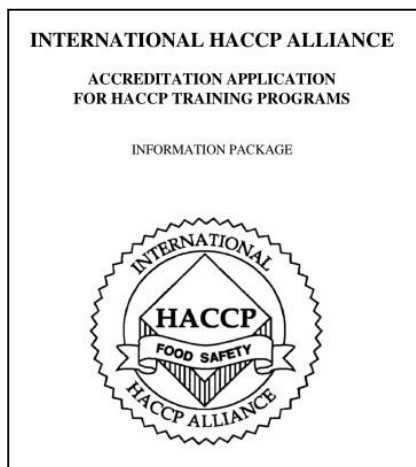
- > Joined with Michigan State University (MSU), SSAFE, funded by the World Bank's Global Food Safety Partnership (GFSP)
- > Including E-Learning (May, 2013) and face-to-face training (June 17-20,2013)
- > Participants: E-Learning 100; face-to-face training 40



2 HACCP Training Program

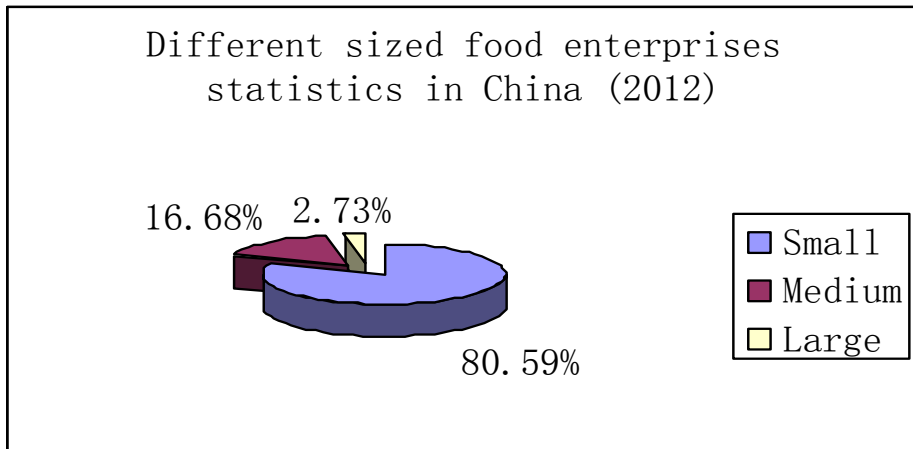
High level training programs :

- > International HACCP Alliance (IHA) : developed on Mar.25,1994,to provide a uniform program to assure safer meat and poultry products.
- > the Center was authorized by IHA in 2014
- > Instructors: Yaowen Huang, Professor of the Department of Food Science and Technology, University of Georgia; Qualified HACCP and SSOP Trainer of U.S. Food and Drug Administration
- > Nov.12-13, 2014



3 General Knowledge of Food Safety Training program for SME

There are multitudes of small and medium sized food enterprises (SMEs) (>450,000) producing a vast variety of food ingredients and products in China.



- > These SME's are often fragmented and operating independently.
- > Many of these SME's lack a basic understanding of good food safety practices.

3 General Knowledge of Food Safety Training program for SME

- > Initiated in 2010, a 3-year program to deliver food safety trainings to small and medium size food enterprises (SME's) in China.
- > Shanghai Jiao Tong University through its Bor S. Luh Food Safety Center coordinates and administers this program.



7 sponsors:



3 General Knowledge of Food Safety Training program for SME

> 2010-2013:

7 training courses ; more than 500 participants

> Instructors:

Administrators from government

Professors from academia

Food safety managers from industry

> More trainings : Mar.20-21, 2014

> More sponsors: +3



4 Specific trainings for companies & organizations

> Government:

Ningbo FDA

Food Safety Office of Eryuan County, Yunnan Province

> Industry:

Gaoyou Egg Ltd.

Wal-Mart

> Catering Services:

University Canteens

Eryuan No.1 Middle School



5 Programs for popularization of food safety knowledge



Characteristics and advantages



- > **Highly qualified faculty**
 - Government
 - Enterprises
 - Academia

- > **Tailored training curriculum to meet the specific needs**



- > **Diversified Professional Training**
 - Online Training
 - Face-to-face Training
 - Factory visit

Feedbacks and influences

《食品安全通用知识》公益培训班
学员意见反馈表

第一部分：背景情况调查

1. 您的年龄 b
(a) 25 以下 (b) 26-35 岁 (c) 36-45 岁 (d) 46 岁以上

2. 您的教育背景 c
(a) 高中以下 (b) 大专、中专、职校 (c) 本科 (d) 硕士及以上

3. 您的专业背景 a
(a) 食品相关专业 (食品科学、食品质量与安全、食品工程、农产品加工)
(b) 生物
(c) 化学
(d) 其他

4. 您从事食品工作的时间 d
(a) 2 年以下 (b) 3-5 年 (c) 5-10 年 (d) 10 年以上

5. 您是否关心公共食品安全事件 a
(a) 非常关注 (b) 很关心 (c) 一般 (d) 不太关心

6. 您熟悉的食品检验方法主要在以下哪个领域? a c
(a) 卫生监测 (b) 理化监测 (c) 感官监测 (d) 基本不熟悉

7. 您接受过除本培训以外的其他培训多少次? c
(a) 1 个 (b) 1-3 个 (c) 3 个以上 (d) 不知道

8. 您觉得中国食品安全与其他发达国家食品安全的主要区别是 bcd
(a) 烹调 and 饮食方式
(b) 环境污染水平
(c) 从业人员专业素质与法制观念
(d) 政府监督管理

9. 您了解 CAP 吗? d
(a) 听说过 (b) 了解一些 (c) 熟悉 (d) 不知道

10. 您了解 HACCP 吗? c
(a) 听说过 (b) 了解一些 (c) 熟悉 (d) 不知道

(a) 熟悉 (b) 了解但不熟悉 (c) 知道一点 (d) 基本不知道

Questionnaire

GFSI 基础水平评估试题

下述每个问题只有一项正确答案。...

12. 当与一名新的供应商进行交易时, 你应该提供的关于食品安全事件管理方面的最重要的信息是什么? ..
a) 你的公司联系人的详细信息, 以及在任何情况下与公司联系人取得联系的方法. ..
b) 你的公司的名称、地址、电话号码和公司总裁的详细信息. ..
c) 你的公司在应该与谁取得联系, 怎样取得联系, 联系时应该交流什么内容等方面的详细要求. * ..
d) 你的公司对公司名称、地址和电话号码等方面的要求. ..

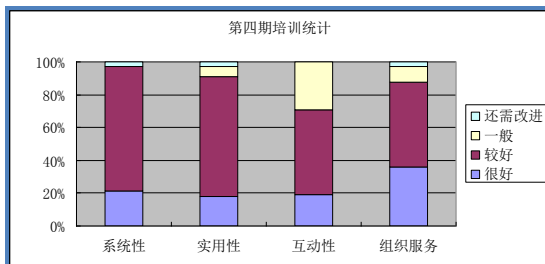
13. 为了确保与食品接触的冰的安全性, 制作冰的水的来源应该是: ..
a) 蓄水池中收集的未经处理的雨水. ..
b) 从沟渠或池塘中抽取的水. ..
c) 按照正确方法开凿和维护的水井中取得的水. * ..
d) 冷却塔的循环水. ..

14. 配料的每日使用信息的保存系统是: ..
a) 配方. ..
b) 搬运单据. ..
c) 产品规格. ..
d) 可追溯系统. * ..

15. 当过程控制出现问题时, 必须采取纠正措施, 同时还必须考虑: ..
a) 不符合要求产品的控制问题. * ..
b) 员工的工作时间表. ..
c) 检查者合格与否. ..
d) 害虫控制方案. ..

16. 电箱门器必须: ..
a) 放置在敞开放置的食品之上. ..
b) 一直保持电箱门器的红处于开启状态. * ..
c) 只有当工厂停工的时候才打开电箱门器. ..
d) 只有在晚上才打开电箱门器. ..

Assessment



Trainees satisfaction statistics

> **Feedbacks through assessment and questionnaires:**

> **Statistics from TSME(IV) :**

81% reaching the training goals;

92% satisfying of the training program

Feedbacks and influences

The non-profit training programs attracted widespread media attention, being reported by newspapers and websites around the country.

>more participants

>more sponsors

>active communications

The collage consists of six panels showing news coverage of a food safety training program:

- Panel 1 (Wen Wei Po):** Headline: "上海交大食品安全通用知识公益培训" (Public Training on General Food Safety Knowledge at Shanghai Jiao Tong University). It includes a photo of the training session and a short article snippet.
- Panel 2 (infzm.com):** Headline: "上海交大举办食品安全通用知识公益培训" (Shanghai Jiao Tong University Holds Public Training on General Food Safety Knowledge). The article mentions the date (July 7-8) and the location (Shanghai Jiao Tong University).
- Panel 3 (Food Mate):** Headline: "上海交大举办食品安全通用知识公益培训" (Shanghai Jiao Tong University Holds Public Training on General Food Safety Knowledge). It provides the date (July 7-8) and the location (Shanghai Jiao Tong University).
- Panel 4 (Xinmin Net):** Headline: "上海交大举办食品安全通用知识公益培训" (Shanghai Jiao Tong University Holds Public Training on General Food Safety Knowledge). It includes a photo of the training session and a short article snippet.
- Panel 5 (Wen Wei Po):** Headline: "上海交大举办食品安全通用知识公益培训" (Shanghai Jiao Tong University Holds Public Training on General Food Safety Knowledge). It includes a photo of the training session and a short article snippet.
- Panel 6 (Xinmin Net):** Headline: "上海交大举办食品安全通用知识公益培训" (Shanghai Jiao Tong University Holds Public Training on General Food Safety Knowledge). It includes a photo of the training session and a short article snippet.

Next Trainings

SJTU--SSAFE--GFSI Global Markets Program Food Safety Workshop

>Nov 10-11,2014

>School of Agriculture and Biology, SJTU

HACCP Training Program

>Nov.12-13, 2014

>School of Agriculture and Biology, SJTU

>Certified by SJTU&IHA

Contact

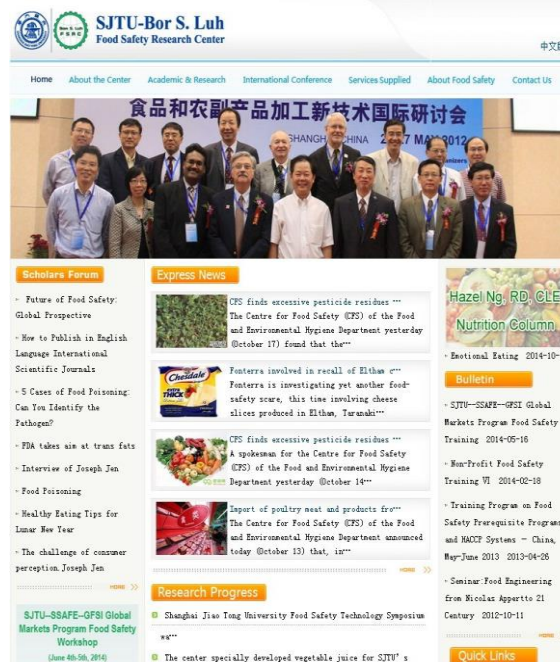
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The screenshot shows the English version of the website. At the top, it features the center's name in Chinese and English: "SJTU-Bor S. Luh Food Safety Research Center of Shanghai Jiao Tong University". Below the header is a navigation menu with options like "Home", "About the Center", "Academic & Research", "International Conference", "Services Supplied", "About Food Safety", and "Contact Us". A large banner image shows two men in suits. The main content area is divided into several sections: "学者讲坛" (Scholar Forum) with a list of topics, "新闻快讯" (Express News) with several news items, "吴希素 营养专栏" (Nutrition Column) featuring a photo of a woman, and "学术动态" (Research Progress) with a list of recent activities. The footer includes contact information and a "Quick Links" section.



The screenshot shows the Chinese version of the website. The header includes the center's name in Chinese: "SJTU-陆伯勋食品安全研究中心". The navigation menu is similar to the English version. A large banner image shows a group of people at a conference titled "食品 and 农产品加工新技术国际研讨会". The main content area includes "学者论坛" (Scholar Forum) with news items, "Express News" with a list of updates, "吴希素 营养专栏" (Nutrition Column) with a photo of a woman, and "Research Progress" with a list of recent activities. The footer includes contact information and a "Quick Links" section.



Thanks!

