



# **2012 ASTA Regulatory/Legislative Workshop**

Hyatt Regency Crystal City

Arlington, VA

Wednesday, October 10



FOOD SAFETY PREVENTIVE CONTROLS ALLIANCE

# Food Safety Preventive Controls Alliance (FSPCA): An Update

Presented by: Glenn Black, GMA

Purnendu C. Vasavada

FDA – ORISE Fellow

Coordinator, Food Safety Preventive Controls Alliance

[FSPCA@iit.edu](mailto:FSPCA@iit.edu)

<http://www.iit.edu/ifsh/alliance/index.shtml>



IFSH

INSTITUTE FOR  
FOOD SAFETY  
AND HEALTH



FOOD SAFETY PREVENTIVE CONTROLS ALLIANCE

# What is FSPCA?

---

- Food industry, particularly small and medium companies, may need assistance in understanding the technical elements of regulations and compliance with the FSMA requirements.
- FSPCA is a public-private Alliance designed to fulfill this need.
- Established by a grant from the FDA to the Institute for Food Safety and Health (IFSH) at the Illinois Institute of Technology, Bedford Park IL.

# Why FSPCA?

---

## Preventive Controls Education

- FDA looks to the FSPCA to develop a standardized curriculum that provides the foundation for training providers who will train individuals to meet the requirements of the preventive controls regulation.
- This effort is similar to those for our existing preventive controls rules: seafood and juice HACCP.

# FSPCA Objectives

---

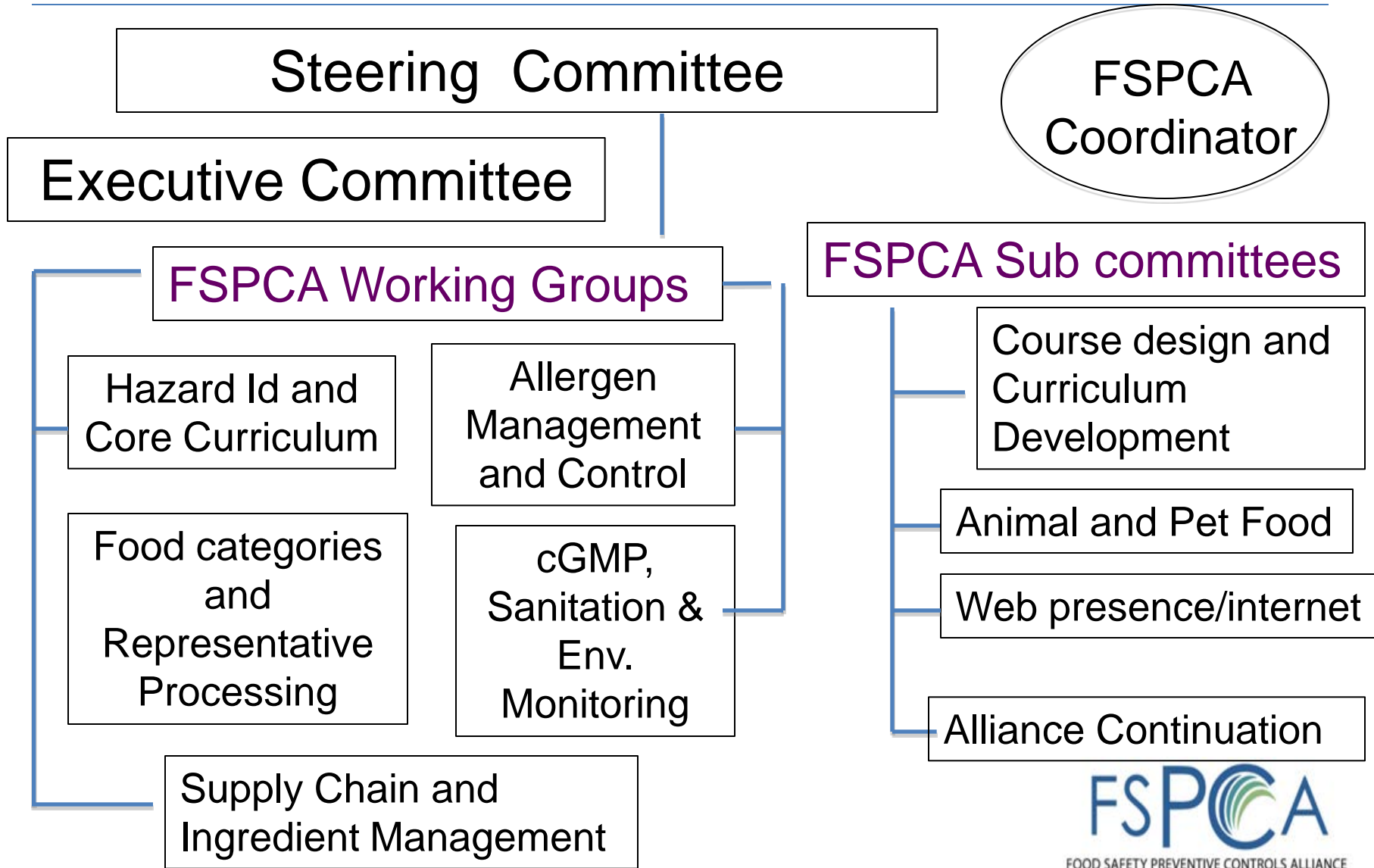
- To develop Food Safety Preventive Controls training curriculum and modules including train-the-trainer course
- To assist the US food industry, particularly small and medium-sized companies, to be compliant with the FSMA legislation.
- To assist the FDA to disseminate the science and technical elements relevant to the hazard analysis and preventive controls aspects of Preventive Controls regulations to the US food industry.

# Creation and Development

---

- Authorized in September 2011
- FSPCA Coordinator **Dr. (PC) Vasavada**
- Three phase development
  - Phase I Establish FSPCA organization and governance
    - Formation of Organizing committee
    - Formation of Steering Committee
    - Formation of Executive Committee
    - Formation of Working Groups
  - Phase II- Development of Educational Content
  - Phase III- Delivery of training course

# FSPCA Governance and Structure



# FSPCA stakeholders\*



\* Partial list

# FSPCA Working Groups\*

---

- **Volunteers from industry, academia and FDA**
- Five initial working groups have been created:**
  - Hazard Identification and Preventive Controls Curriculum Development
  - Food Categories and Representative Processing
  - Allergen Management and Control
  - Sanitation, Current Good Manufacturing Practices and Environmental Monitoring
  - Supply Chain and Ingredient Management
  - **156+ volunteers**
  - **WG Chair, Vice-Chair, Liaisons**
  - **Course outline and Content development**

\* Other WGs may be formed as necessary

# FSPCA WG Liaisons, Chairs and Vice Chairs

WG	Liaisons	Chairs/Vice Chairs
Hazard Identification and Preventive Controls Curriculum Development	Glenn Black (GMA) Ben Chapman(NCSU)	Jeff Barach (Barach Enetrprises) Judy Fraser Heaps (Land O' Lakes)
Food Categories and Representative Processing	Jason Wan (IIT/IFSH) Jon Gardner (IDFA) Kim Young (FDA)	Kurt Deibel (Heinz ) Alejandro Mazzotta (Campbell's)
Allergen Management and Control	Don Schaffner (Rutgers) Ram Rao (USDA-NIFA)	Joseph Scimeca (Cargill) Sue Estes(Pepsico)
Sanitation, Current Good Manufacturing Practices and Environmental	David Gombas (United Fresh) David Fairfield (NGFA) Lee Sanders (ABA)	John Allan (AFFI) Joe Shebuski(Cargill)
Supply Chain and Ingredient Management	Donna Garren (AFFI) John Hoffman (UMN) Kim Young(FDA)	Steve Mavity (Bumble Bee) Faye Feldstein (Deloitte)

# FSPCA SME WG volunteers\*

---



\* Partial list


# Food Industry Engagement

---

- Food Industry Associations
- Food companies
- Academia/ Uni. Extension
- Pvt. Consultants/Consulting Companies and Organizations
- State and Federal Regulators

# FSPCA Website...

<http://www.iit.edu/ifsh/alliance/index.shtml>



The screenshot shows the homepage of the Food Safety Preventive Controls Alliance (FSPCA). At the top, there is a black header with the Illinois Institute of Technology (IIT) logo and name on the left, and a 'Quick Links' dropdown menu and a 'Search Content' search bar on the right. Below the header is a banner image featuring various food products and the FSPCA logo. The main content area has a light blue sidebar on the left with a vertical menu of links: 'IFSH Home', 'FSPCA Home', 'The Alliance', 'Upcoming Events', 'Committees', and 'Resources'. Below these links is a 'SIGN UP FOR IIT IFSH NEWS' button with a red arrow. The main content area on the right has a heading 'FSPCA Home' and a 'Welcome to FSPCA Online' section. This section contains a paragraph about the FSPCA's mission and a 'JOIN A WORKING GROUP' section with details about five working groups and links to a 'Working Groups page' and a 'FSPCA Working Group Participation Form (.pdf)'. Below that is a 'FSPCA ON THE ROAD' section with information about committee members and links to 'Upcoming Events page' and 'details and locations'.

ILLINOIS INSTITUTE OF TECHNOLOGY

Quick Links

Search Content

my iit

**IFSH**  
INSTITUTE FOR  
FOOD SAFETY  
AND HEALTH

**FSPCA**  
FOOD SAFETY PREVENTIVE CONTROLS ALLIANCE

IFSH Home

FSPCA Home

The Alliance

Upcoming Events

Committees

Resources

SIGN UP FOR  
IIT IFSH NEWS

FSPCA Home

## Welcome to FSPCA Online

The Food Safety Preventive Controls Alliance (FSPCA) is a broad-based public-private alliance consisting of key industry, academic and government stakeholders whose mission is to support safe food production by developing a nationwide core curriculum, training and outreach programs to assist companies producing human and animal food in complying with the preventive controls regulations that will be part of the Food Safety Modernization Act (FSMA).

### JOIN A WORKING GROUP

Five FSPCA Working Groups are currently forming. Find out more about the topic areas and how to join at the [Working Groups page](#), or download an [FSPCA Working Group Participation Form \(.pdf\)](#).

### FSPCA ON THE ROAD

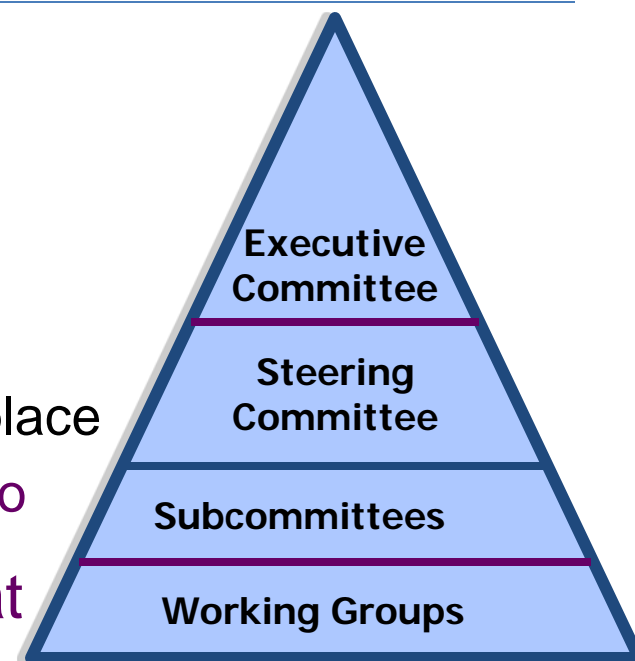
FSPCA committee members will take the podium at several upcoming conferences and meetings to present the latest information about FSPCA activities and progress. Visit our [Upcoming Events page](#) for details and locations.

[www.iit.edu/ifsh](http://www.iit.edu/ifsh)

IFSH home page  
Click on FSPCA

# FSPCA – Progress so far..

- FSPCA Executive Committee and Steering Committee established and functioning
- Subcommittees formed
- FSPCA Website launched
- **Working Groups** convened
- Technical editor and Editorial subcommittee in place
- WG and Steering Committee meeting in Chicago
  - FSPCA updates and presentations at regional and national food industry conferences, seminars and webinars
  - AFDO, GMA Science Forum, FSS, IFT, FEMA, IAFP, MWFPFA, AFDOS, United Fresh, ASTA, NCA, etc.



# FSPCA - Outcomes and Deliverables

---

- **Training Curriculum:** Development, delivery and facilitation of a standardized Food Safety Preventive Controls curriculum (with training slides).
- **Technical Assistance Network:** For the Food industry, with emphasis on small- and medium-sized companies.
- **Hazards Guide:** Commodity/industry sector-specific.
- **Identification/prioritization** of critical needs for “safe harbor” critical limits for widely used preventive controls
- **Knowledge Gap Identification:** Translation of and needs assessment for further enhancement in PC’ s.
- **Efficacy and impact** of the FSPC Alliance programs.
- **Identification** of research needs for further enhancement in preventive controls



# FSPCA-Based Standardized Curriculum\* - Topical Outline\*

---

- **Introduction and Course Objectives**
- **Food Safety Plan** - What is Food Safety plan?  
What is required in Food Safety plan? How  
to set up FSP
- **Hazard analysis** – how to do one, where to  
get information on hazards, examples of  
hazards associated with various foods  
covered by the regulation
- **Preventive controls** – how to identify appropriate  
PCs, how to determine what parameters must be  
controlled and how to control them
- **Monitoring** – how to monitor preventive controls



FOOD SAFETY PREVENTIVE CONTROLS ALLIANCE

\*To be determined by FSPCA

# FSPCA-Based Standardized Curriculum\* - Topical Outline\*

---

- **Corrective Actions** – when and how to apply
- **Verification and Validation** – how to determine that PCs are “effectively and significantly minimizing or preventing the occurrence of identified hazards”
- **Recordkeeping** – types of records that document the food safety plan (and how to develop a plan)
- **Management & Implementation** of the Food Safety Plan including reanalysis of the FSP.
- **Resources for Preparing HACCP Plan**
- **Appendices**
  - Model FSP for selected food categories



FOOD SAFETY PREVENTIVE CONTROLS ALLIANCE

\*To be determined by FSPCA

# The Curriculum is Just the Beginning

---

- For education/training to be effective, information on hazards and preventive controls specific to foods being produced by small businesses will be needed.
- Guidance documents
- Food-type specific training modules

## Training Support Package

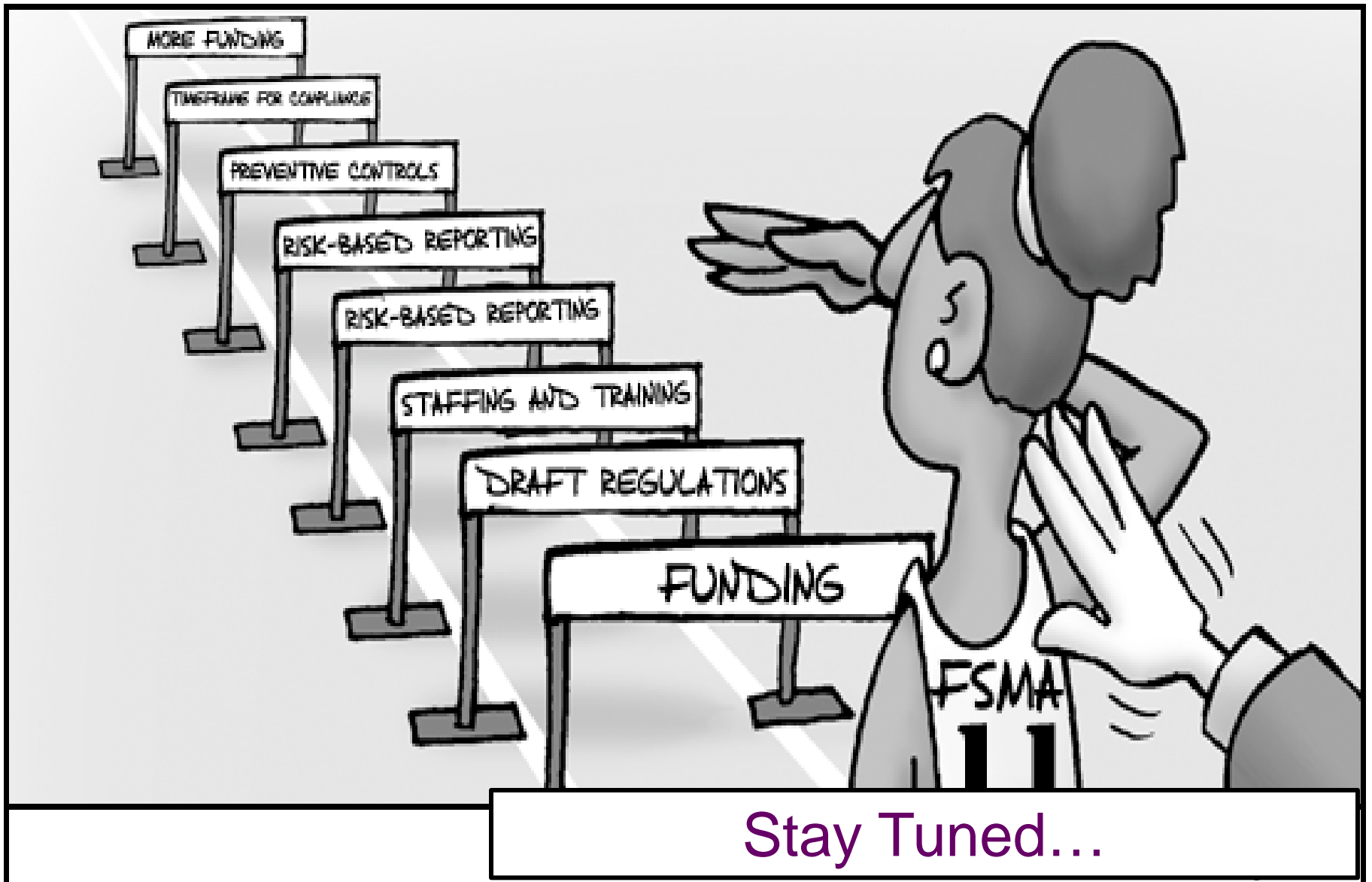
- Instructor guide/ lesson plan
- Participant manual
- Audio/ visual materials
- Special support materials
- **Comprehensive Hazards Guide?**



# Summary

- FSMA focus on assuring food safety through Hazard Analysis and Risk-Based Preventive Controls (section 103).
- Recognized need to assist small- and medium-sized businesses with interpretation of the regulation, training and technical information to be compliant with the FSMA regulations
- FSPCA is an alliance of key stakeholders from academia, government, trade Associations, and other relevant organizations designed to assist the industry, especially small- and medium-sized businesses, in complying with the Preventive Controls regulations.
- FSPCA will serve the industry needs by developing standardized training and technical resources and providing a link between the FDA and food companies in communication of technical elements of FSMA
- The FSPCA welcomes your comments and suggestions

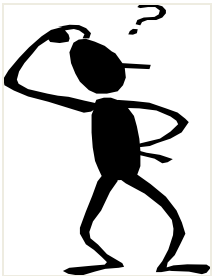
# We've just begun...



# Acknowledgement

---

- FDA- ORISE and IFSH
- Ms. Jenny Scott, Dr. John Larkin (FDA)
- Dr. Bob Brackett (IFSH)
- FSPCA Steering Committee
- FSPCA Working Groups SME Volunteers



**THANK YOU!**

For further information and questions -

Contact: [FSPCA@iit.edu](mailto:FSPCA@iit.edu)

