



STUDENT CHAPTER ROADSHOW

YEAR 2023



Connecting Pharmaceutical Knowledge

International Society for Pharmaceutical Engineering (ISPE)



- Founded in 1980
- Not-for-profit, non-lobbying global professional society
- 20,000 individual Members from nearly 90 countries
- ISPE is a Society of pharmaceutical professionals who use expert knowledge to create high-quality, cost-effective GMP solutions
- Provides technological knowledge, education, and guidance documents
- Provides forums for exchange among manufacturing and development, global regulators, academia and students, and consultants and supply chain

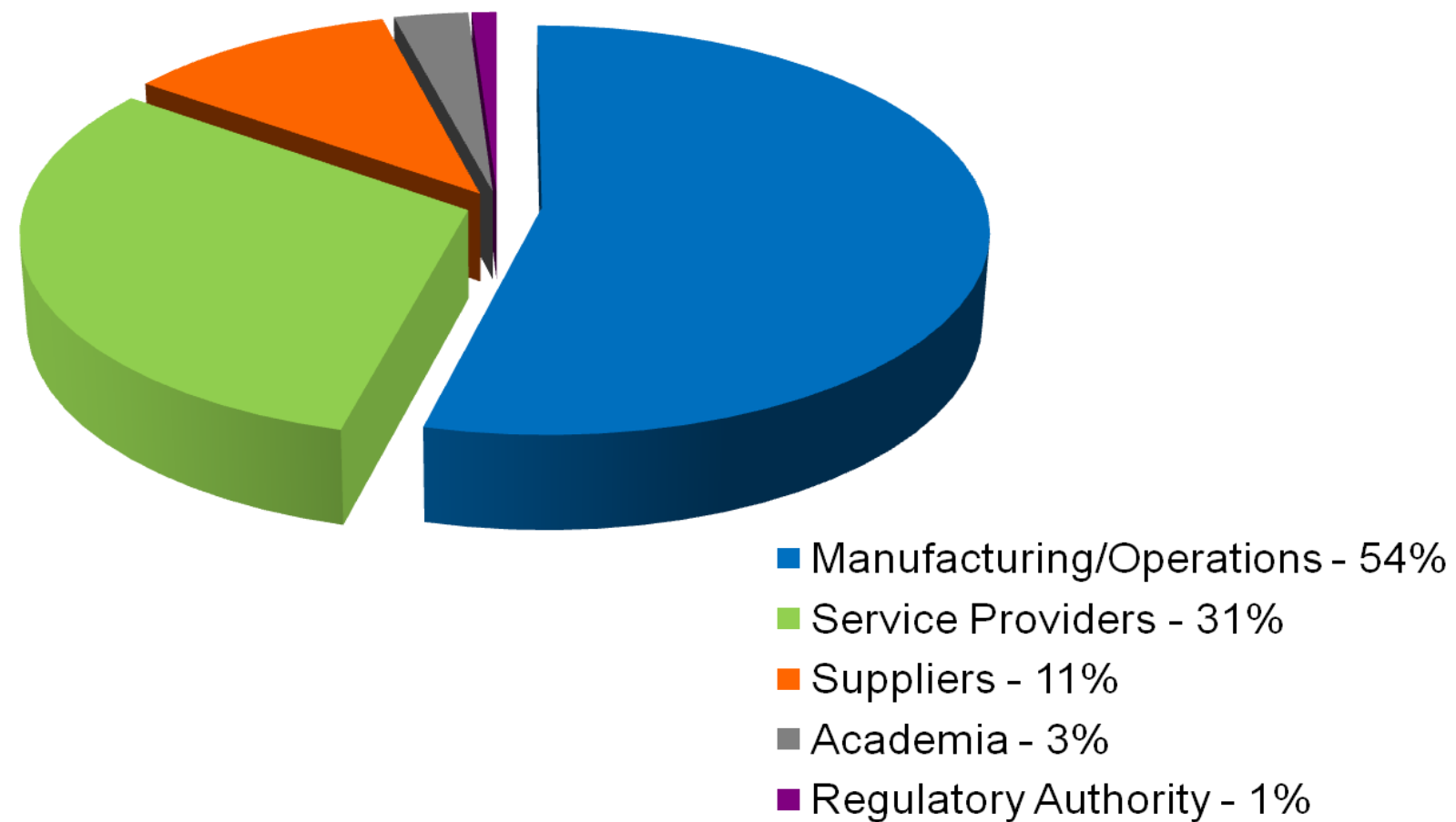
International Society for Pharmaceutical Engineering (ISPE)

ISPE Purpose

Delivering technical and operational solutions to support our members across the *global pharmaceutical and biopharmaceutical industry* in the manufacture of quality medicines for patients.

Who are ISPE's Members (International)?

Global pharmaceutical professionals who work in every aspect of the pharmaceutical industry.

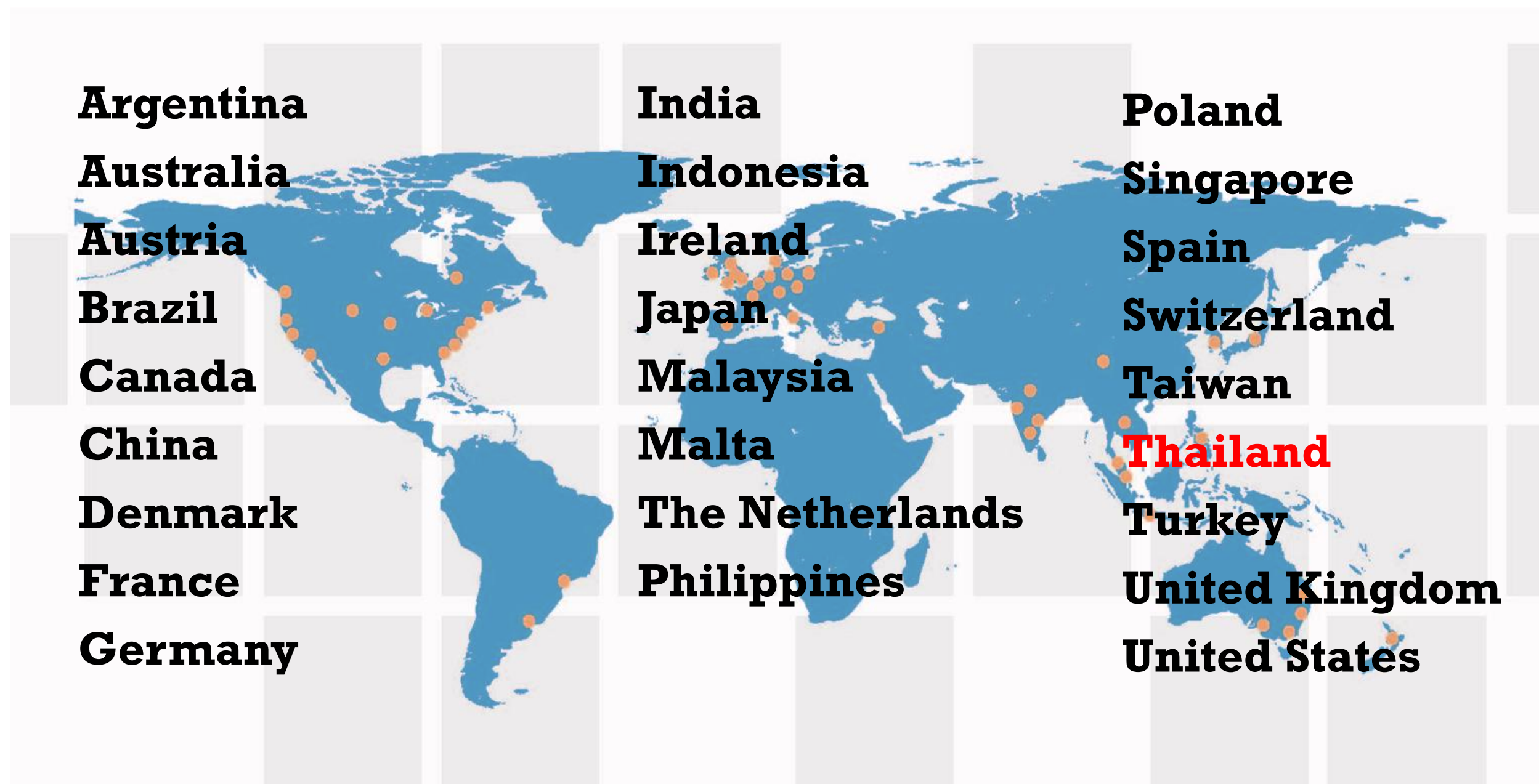


ISPE Membership

Not only Engineers or Pharmacists but also ...

All scientific and technical areas of the pharmaceutical manufacturing industry are represented among the ISPE Membership. Engineers, Pharmacists, Scientists, Biotechnologists, Chemists, Microbiologists, QA/QC, Production, Process Development, Regulatory and Training Personnel, Academia, Suppliers, and other Professionals contribute their expertise to the industry through their participation in ISPE activities.

ISPE Membership is Global



ISPE Thailand Affiliate

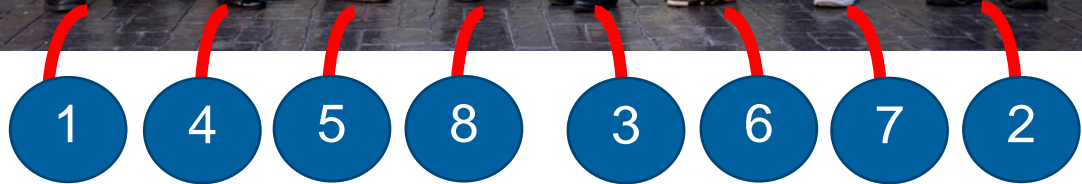
ISPE Thailand Affiliate was founded in July 2003 and was recently established as a foundation in **July 2017**. Now we have > 500 members in Thailand. The Affiliate is managed by a voluntary committee composed of people from manufacturing, suppliers, regulators and academics.

Our Mission is to offer best practices in pharmaceutical manufacturing and biotechnology industry through ISPE's branded expertise with deep technical knowledge that is applied in a practical manner. The end result will be the continued improvement and transformation of the industry to better ensure the availability of safe and effective pharmaceutical and biologic medicines and medical delivery devices.

ISPE Thailand Committees



Item	Committee Name	Position
1	Mr. Totsapon Santitewagun	President
2	Dr. Anthony Margetts	Vice President
3	Ms. Sorada Wangmethukul	Committee
4	Ms. Sanhaluck Buasuang	Committee
5	Ms. Jittaporn Wattanaseree	Committee
6	Dr. Sasivimol Kittivoravitkul	Secretary & Treasurer
7	Ms. Danurus Wattanavekin	Committee
8	Ms. Wilawan Atiwattananont	Committee



ISPE THAILAND STUDENT CHAPTER



BACKGROUND

- ISPE Thailand Affiliate founded in 2003
- Focus and initiate activities for student membership on 2017 and formally set up and registered ISPE Thailand SC with ISPE HQ, USA in 2018
- Expand for young professional membership in 2019
- Main activities: Poster Competition, Plant visit, career development activities, Hackathon etc.





SMST 16th OPEN HOUSE - Thailand

ISPE Student Poster Competition 2018 – Thailand



ISPE Student Poster Competition 2018 - Singapore



1st SC EVENT 2019

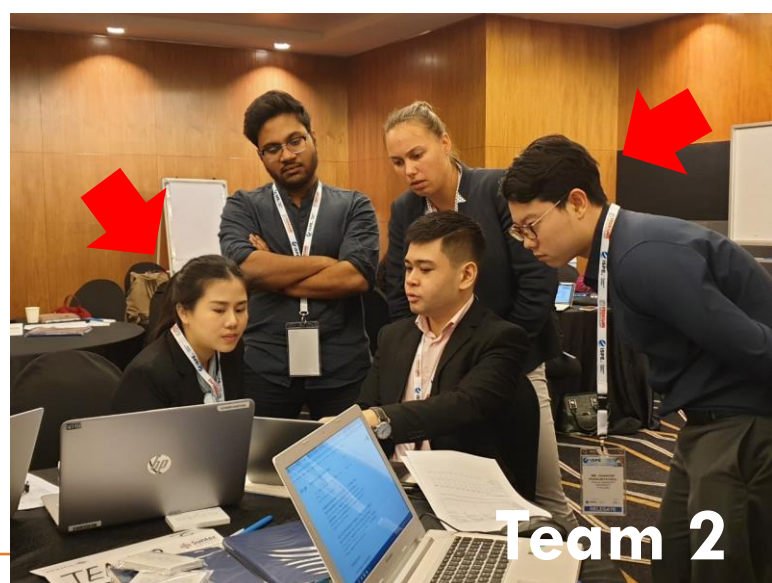
BRANDING YOURSELF FOR JOB INTERVIEW



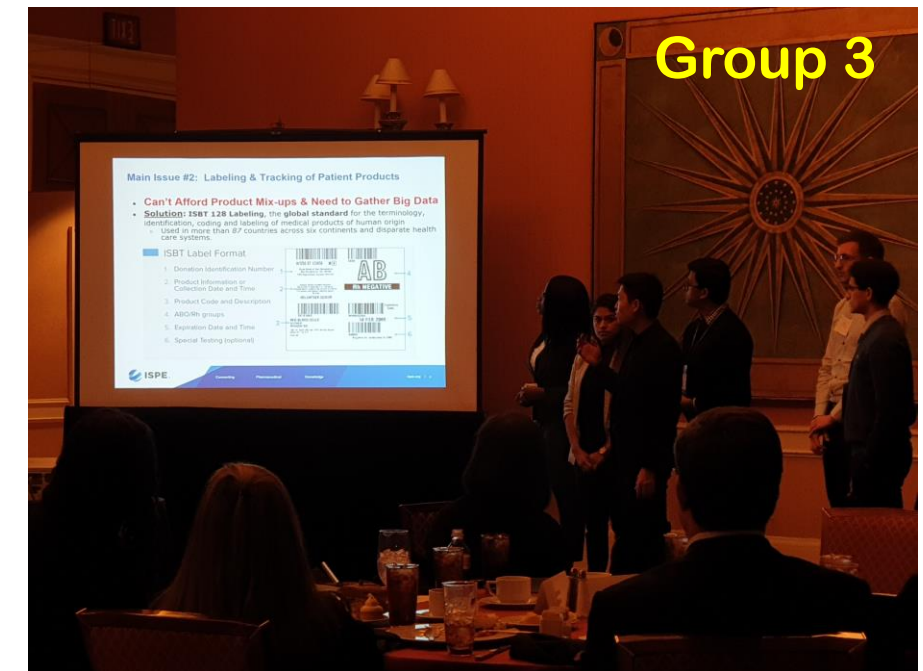
PLANT VISIT (GPO VACCINE PLANT)



ISPE APAC Hackathon Competition 2019 - Singapore



ISPE International Hackathon 2019 - USA



Connecting Pharmaceutical Knowledge

Events in 2020

- Training on Project Management



Events in 2020

- Plant Visit at MU-BIO



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ISPE THAILAND

STUDENTS & EMERGING LEDEARS ACTIVITIES IN 2023



STUDENT & EMERGING LEADER ACTIVITIES IN 2023

TIMELINE

Date	Activity
1 – 30 June 2023	Registration (Max # of participants: 60, students & emerging leaders@30)
6 July 2023	Plant Visit – Excellence Center for Advanced Therapy Medicinal Products (EC-ATMPs)
12 & 14 July 2023	Hackathon 2023 at Queen Sirikit National Convention Center (QSNC) Day 1 - Workshop Day 2 – Presentation & Winner announcement
18 July 2023	Award ceremony

Who is Eligible?

- Student and Emerging leader membership

HACKATHON 2023

PRIZE

Winner Team: Joining ISPE Hackathon in Singapore (Thailand Representative Team) & ISPE Guidance Document

2nd Prize: THB 5,000/Person

3rd Prize: THB 3,000/Person

ISPE Membership Rate

ISPE significantly discounts dues for Student Members & EL

- | | |
|--------------------------------|----------------|
| • Industry Member | 6,600 THB/Year |
| • Emerging Leader (EL) | 2,200 THB/Year |
| • Academic | 4,300 THB/Year |
| • Student Emerging Economy | 360 THB/Year |
| • Government – Industry | 0 THB/Year |
| • Government - Emerging Leader | 0 THB/Year |

Existing student members may extend their Student Membership for one year after graduation

ISPE Student Members' Benefits

- *Increase your Knowledge:*
 - As an ISPE Student Member you will receive access to numerous resources that will help you understand and learn more about the industry.
 - You will have access to:
 - Education and Training
 - Regulatory Information and News
 - Online copy of *Pharmaceutical Engineering* magazine
 - Knowledge Briefs and E-Letters
 - Global Resources through the Society's website at www.ISPE.org

ISPE Student Members' Benefits

24/7 Access Point to Knowledge

www.ISPE.org

- Online Membership Director
- *Pharmaceutical Engineering* magazine articles: search and download
- Technical Glossary of Pharmaceutical Terms
- Communities of Practice
- Knowledge Briefs
- Global Supplier Directory
- Regulatory and Industry New
- Reference Documents
- Global Events Calendar
- Global Career Solutions
- Featured Resources and Upcoming Events

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Good Practice Guide: Applied Risk Management for C&Q

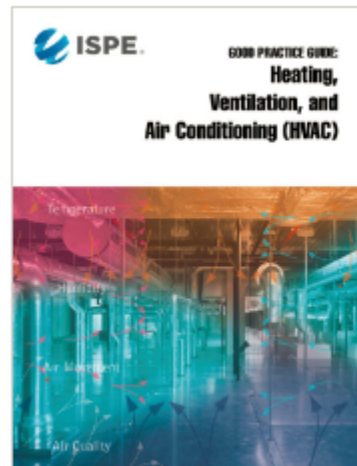
Pages: 140

Published: October 2011

Member Price: \$ 145.00 / € 130.00

Non-Member Price: \$ 460.00 / € 395.00

**Free Access
24 publications**



Good Practice Guide: Heating, Ventilation, & Air Conditioning (HVAC)

Pages: 288

Published: September 2009

ISPE Student Members' Benefits

- *Increase your Knowledge:*
 - Online Learning
- Convenient, cost-effective and available anytime, anywhere
- Live and recorded Webinars, and Online Courses ranging from fundamental to advanced
- Full curriculum for individual or corporate professional development programs



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Online Courses

	USFDA GMP Inspection Approach to Quality Systems
	USFDA GMP Inspection Approach to Facilities and Equipment
	USFDA GMP Inspection Approach for Packaging and Labeling
	USFDA GMP Inspection Approach for Laboratory Control Systems
	USFDA GMP Inspection Approach for Materials Systems
	USFDA GMP Inspection Approach for Production Systems
	Industry Overview: Drug Dosage Forms
	GMP Update - Asia Pacific

ISPE Members' Benefits

- *Increase your Knowledge : Webinar (Free Access)*

WEBINAR

ICH Q9 Quality Risk Management

This self-paced, pre-recorded course includes a downloadable presentation for note-taking, engaging graphics, links to regulatory information, assessm...

Member Price: \$ 0.00 / € 0.00

Non-Member Price: \$ 49.00 / € 40.00

WEBINAR

Biopharmaceutical Manufacturing Processes

This self-paced, pre-recorded course includes a downloadable presentation for note-taking, engaging graphics, links to regulatory information, assessm...

Member Price: \$ 0.00 / € 0.00

Non-Member Price: \$ 149.00 / € 122.00

ISPE Student Members' Benefits

- *Expand your Learning Opportunities:*
 - Your Student Membership includes access to ISPE Communities of Practice (CoPS).

Purpose

- Provide a forum for community members to help each other solve everyday work problems
- Develop and disseminate best practices, guidelines, and procedures while creating breakthrough ideas, knowledge, and practices
- Organize, manage, and research a Body of Knowledge from which community members can draw

Connecting & Collecting

Connecting members person-to person
Collecting relevant information to share

People Tools Knowledge

ISPE Communities of Practice (CoPs)

Active Pharmaceutical Ingredients
Biotechnology
Commissioning and Qualification
Containment
Critical Utilities
Disposables
Investigational Products
Good Automated Manufacturing
Practices (GAMP®)

Heating, Ventilation and Air
Conditioning (HVAC)/Sustainable
Facilities
Operations Management
Oral Solid Dosage
Packaging
Process Analytical Technology
Process/Product Development
Project Management
Sterile Products Processing

ISPE Student Members' Benefits

- *Build your Professional Network:*



Community

Meet like-minded professionals

- Communities of Practice
- Local Affiliate/Chapter Membership
- Online Membership Directory
- *ispeak* Blog

ISPE Student Members' Benefits

- *Boost your Career:*

Career Solutions

Career Solutions is an extensive resource center designed to help Members access the tools needed for a successful job search quickly and easily.

- Post your Résumé/CV Anonymously
- Search Job Postings and Set a Personal Job Alert
- Access Career-Related Articles and Resources



Student Chapters

From college/university to real world

- **Network** with peers, mentors and other professionals locally and internationally
- **Develop lasting friendships**
- **Expand your knowledge** about the industry
- **Increase your skills** to become experienced industry professionals and the ISPE leaders of tomorrow

Become an ISPE Student Member

Student Rate 360 Baths

Join Today!

Only 180 Baths

Visit www.ispeth.org
or contact register@ispeth.org

Scan here!



ISPE Membership



Hackathon 2023



Keep in touch!

www.ispeth.org

Facebook: Pharmacy Student by ISPE Thailand

Line: ISPETH Student Chapter & YP

