

## ISPE Communities of Practice (COPs)

ISPE implemented Communities of Practice (COPs) recognizing the challenge of the pharmaceutical industry to achieve continuous improvement. COPs are groups of people that share a concern or a passion about a topic, and who deepen their knowledge and expertise by interacting on an ongoing basis. ISPE's COPs enable colleagues in specific disciplines to rapidly exchange information and solutions to everyday problems by virtue of online community discussions on the COP websites. Through professional networking and peer collaboration, ISPE COPs produce discipline-specific content that expands members' knowledge and expertise, increases quality, and strives for continuous advancement in the industry.

## PAT COP Membership Has Its Professional Benefits:

You can share, support, and encourage best practices in PAT by joining the **Process Analytical Technology Community of Practice (PAT COP)**. The PAT COP intends to expand on its successful PAT Webinar titled *Process Analytical Technology: Introduction to Process Analytical Technology (Two-Part Series)*, which was well accepted and has generated additional interest among PAT practitioners.

Other valuable PAT COP membership benefits include:

- Excellent networking opportunities with fellow PAT professionals
- Opportunities to engage in detailed technical discussions with leading technical experts
- Participate in developing practical guidelines that benefit individual companies and the industry in general
- Keep current with the latest trends and innovative thinking in both the industry and regulatory arenas
- Obtain current news and learn about upcoming PAT community activities

The PAT COP produces Knowledge Briefs, webinars, and educational programs to benefit its members and to share relevant information related to PAT COP issues.

## PAT COP Values

The PAT COP is governed by a steering committee consisting of global PAT subject matter experts (SMEs). The PAT COP seeks to provide a focus for all practitioners in the field, including those working in both the industry and service sectors, to come together and work on issues of benefit to them and their organizations by:

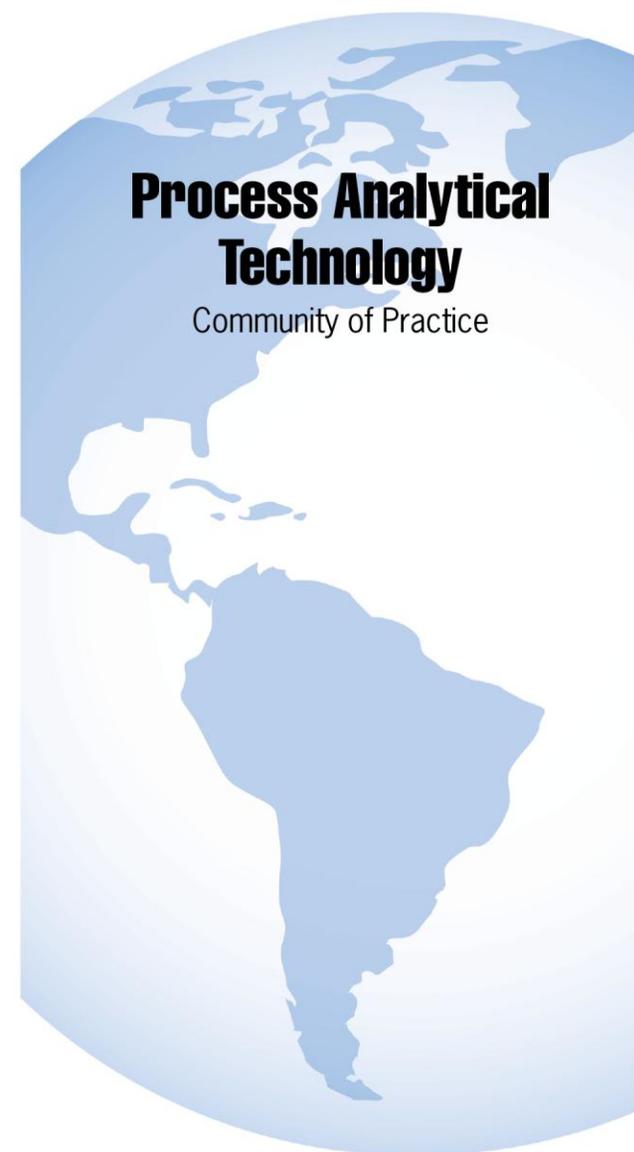
- Encouraging the sharing of information that benefits everyone
- Providing an inclusive community that strives to create opportunities for every member to contribute to the output of the PAT COP
- Attempting to align the goals of regulators, vendors, and client firms with the overall PAT COP mission
- Providing high-quality products in a timely manner
- Incorporating the interests of all member types into the deliverables of the PAT COP

## To Become a Member of this Exciting COP and to Begin Participating Immediately

1. Go to [www.ISPE.org/PATCOP](http://www.ISPE.org/PATCOP).
2. Click on the Discussions tab, or any other content tabs of interest. Note you must be a PAT COP member and log in to participate in the discussions.
3. To join the PAT COP go to [www.ISPE.org/cops](http://www.ISPE.org/cops) and click "Join a COP."
4. Then, scroll down to the PAT COP and place a check mark in the box.
5. Click the "Join" button at the very end of the page to confirm your membership in the PAT COP.

Membership in ISPE's PAT COP is complimentary for ISPE Members. Join today to access discussions, tools, and all resources offered by ISPE COPs.

[www.ISPE.org/PATCOP](http://www.ISPE.org/PATCOP)



## Development of the PAT COP

ISPE's Process Analytical Technology Community of Practice (PAT COP) was formed in 2004. PAT, which is an acronym for **P**rocess **A**nalytical **T**echnology, was founded by a core of pharmaceutical experts from the regions of Europe and North America. This group was interested in providing a forum for members with an interest in PAT to identify and work with a common and concerted approach to bring benefit to and save the industry time and money. The PAT COP provides both informal and more formal technical meetings and networking opportunities on a local and global basis. The PAT COP also publishes technical papers and articles, conducts educational activities such as webinars and education sessions at ISPE Conferences, and encourages active participation in the PAT COP online Community Discussions.

## Mission of the PAT COP

The PAT COP creates a global focal point of support and a discussion forum for Pharmaceutical Professionals interested in PAT. This means the creation and delivery of training, technical materials and information, as well as providing opportunities for collaboration and networking. The PAT COP addresses issues related to process understanding in development and manufacturing, process monitoring and control, in-process analyzer technology, multivariate data analysis (DOEs, chemometrics), and fundamental knowledge of the links between PAT and QbD, including the use of quality risk management.

## PAT COP Organizational Structure



## Ways to Get Involved with the PAT Community of Practice

The PAT COP has nearly 2,500 members aiming to apply PAT within the QbD framework. PAT activities are related to obtaining process understanding and the development and implementation of real time monitoring and control strategies for manufacturing processes.

There are many ways for COP members to contribute to and learn from the PAT community and Body of Knowledge. By visiting the PAT COP website members can:

- Access *Community Discussions* monitored by PAT COP Steering Committee members to ask questions, share expertise, and find solutions to company and industry-related problems.
- Read technical articles in the most recent editions of the PAT COP E-Letters.
- Download presentations, articles, and other relevant documents.
- Search for PAT COP members by name, company, Affiliate or Chapter, country, etc.
- Easily and conveniently access PAT guidance documents, articles, and other valuable resources.

With so many ways to connect with PAT COP members and access valuable technical knowledge, there is no reason not to get involved. Visit today at [www.ISPE.org/PATCOP](http://www.ISPE.org/PATCOP) and begin participating in your COP.

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## How the PAT COP Benefits Members and the Industry

The PAT COP is one of the leading forums for PAT practitioners and those interested in learning more and contributing to the development of PAT. Membership in ISPE's PAT COP is vital to people in the industry and it attracts industry leaders who are committed to positively impacting the industry. PAT COP subcommittees and task teams support industry leaders in creating and disseminating information, thereby raising the competence of pharmaceutical professionals. The PAT COP is a global community that provides a common industry thread by linking the relevant people, content, and resources of affiliates, chapters, academia, and other special interest groups.

The PAT COP is renowned for:

- Providing a website that is the starting portal for members when looking for information, training, and communication with other members
- Providing quality educational events and knowledgeable, professional speakers
- Creating technical publications through collaborative efforts among members
- Ensuring only the highest quality output and use of peers review to ensure the highest level of content and relevance