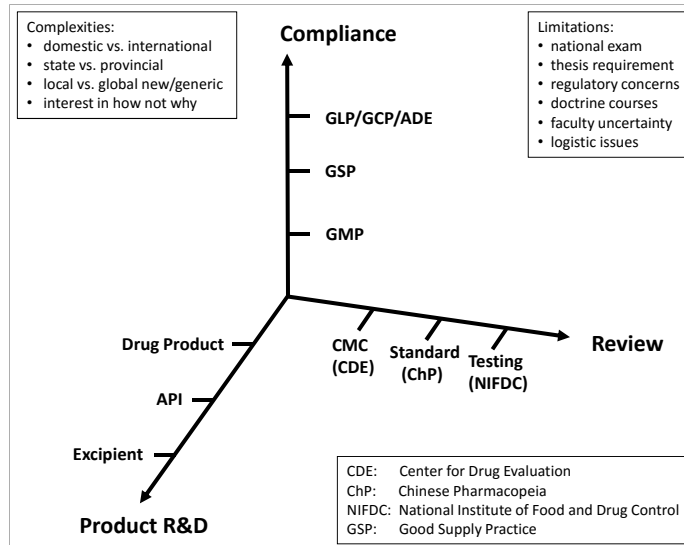


The Master Degree Program in International Pharmaceutical Engineering Management (IPEM) of Peking University

Qiang Zheng
IPEM Program

USC September 17, 2016

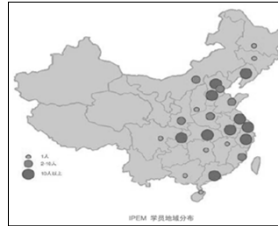
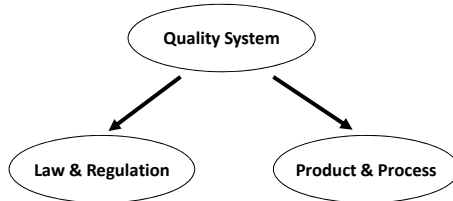
Scope and Issues of Teaching Quality Regulation



An Education Program Dedicated to Pharmaceutical Quality

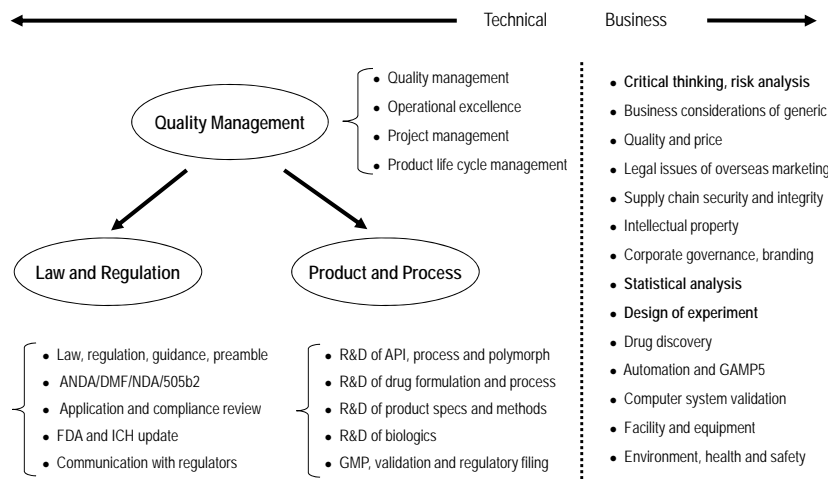
Master's Degree Program in International Pharmaceutical Engineering Management (IPEM)
Peking University with Collaboration from the US FDA and CFDA

- Established in **2007**, enrolled **413** students, graduated **287**, **+50%** of faculty from the US and EU
- Student profile: mid level managers in R&D, manufacturing, quality and registration
- Visited by **FDA Commissioner (2010, 2014)**, **SFDA Commissioner (2013)**, **CFDA Minister (2015)**



Curriculum

Critical Thinking, Quantitative Reasoning, Integration of Regulation with R&D



Challenges

In an increasingly hostile environment to the drug industry with:

- higher regulatory hurdles and competition,
- lower visibility and selling price,
- high interest in information, but low interest in knowledge,
- a short-term mind set with no integrity bottom line of any kind,

Would such a (traditional) education program survive?

Sometimes, I feel we are preaching, not teaching, quality

Thank You

Qiang Zheng

zhengqiang@pku.edu.cn

Center for Pharmaceutical Information and Engineering Research
Master's Degree Program in International Pharmaceutical Engineering Management
College of Engineering Peking University