



1992-2017

EAFP

**EUROPEAN ASSOCIATION OF
FACULTIES OF PHARMACY**

**Council of Deans
Thursday 18 May, 2017 3.00 pm
Helsinki, Finland**

Chaired : Lilian M. Azzopardi, President

Dimitrios Rekkas, Vice-President

With the Participation of Ralph Altieri, President, FIP Academic Section

Mission of Council of Deans

(established Athens, Greece 2015)

To identify and discuss issues related to pharmacy and pharmaceutical sciences undergraduate and postgraduate pharmacy education



1992-2017

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**EUROPEAN ASSOCIATION OF
FACULTIES OF PHARMACY**

Council of Deans, 2017

Agenda 2017

1. Co-ordinating partners for an advocacy role in Europe
2. FIP and FIP Education (FIP*Ed*)
3. FIP Global Conference on Pharmacy and Pharmaceutical Sciences Education
 - Vision
 - Statements on Pharmaceutical Education
 - PWDGs
 - Next Steps



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FACULTIES OF PHARMACY

Council of Deans, 2017

1. Co-ordinating partners for an advocacy role in Europe

Settings: Community Pharmacy, Hospital Pharmacy, Industrial Pharmacy (R&D, Production, Quality, Distribution), Pharmacy Administration (Procurement, Policy)

Skills: Clinical Pharmacy, Pharmacovigilance, Pharmaceutical Regulatory Affairs

FIP Education – A Global Resource for Transforming Pharmacy Education

Prof. Ralph J. Altieri

Dean, University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences, USA

President, FIP AcPS

FIP*Ed* ExCo & AIM Advisory Group, FIP CPC

Prof. Lilian Azzopardi

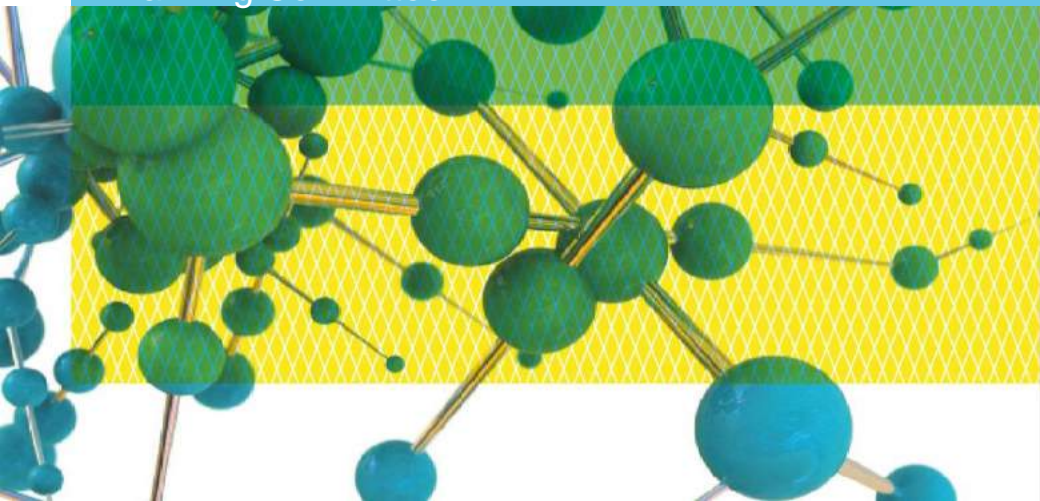
Head, Department of Pharmacy University of Malta

President, EAFP

FIP*Ed* AIM Advisory Group & Global Conference Planning Committee



European Association of
Faculties of Pharmacy Annual
Meeting
17-19 MAY 2017
Helsinki, Finland



Introduction to FIP

International Pharmaceutical Federation



Founded 1912, Head office in The Hague. Official NGO relationship with WHO.
Represents over 3 million experts in medicines and their responsible use

The Federation comprises the following:

137 National Associations of pharmacists
and pharmaceutical scientists

156 Schools of Pharmacy via AIM program

3500 individuals gathered in 8 (practice) Sections
and 8 (scientific) Special Interest Groups



Fédération
Internationale
Pharmaceutique

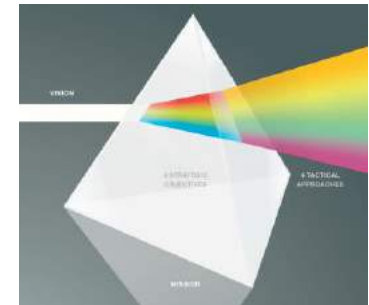
International
Pharmaceutical
Federation

Strategic Objectives



From the FIP Vision 2020 Strategic Plan, the 3 key objectives are:

1. Advance pharmacy practice in all settings (BPP)
2. Advance the pharmaceutical sciences (BPS)
3. **Increase FIP's role in reforming pharmacy and pharmaceutical sciences education (FIP*Ed*)**



FIP Education (*FIPEd*)

FIPEd - a strategic initiative to implement Vision 2020 education objective

2011 – established as *FIPEd*

2016 - formally included within FIP organizational structure

Governed by an ExCo representing academics, scientists and practitioners

Vision

The vision of *FIPEd* is to transform pharmaceutical education

Mission

To bring together academic leaders, faculty members, organisations and professional leaders to advance pharmacy and pharmaceutical sciences education

Delivering Outcomes for FIPEd



EDT (9 Domains, 2 projects)

Prof. Ian Bates (UCL)

1. WDG (Monitor, Progress, Enable)
2. Workforce intelligence
3. Education/Workforce research/analysis

AcPS (600 members)

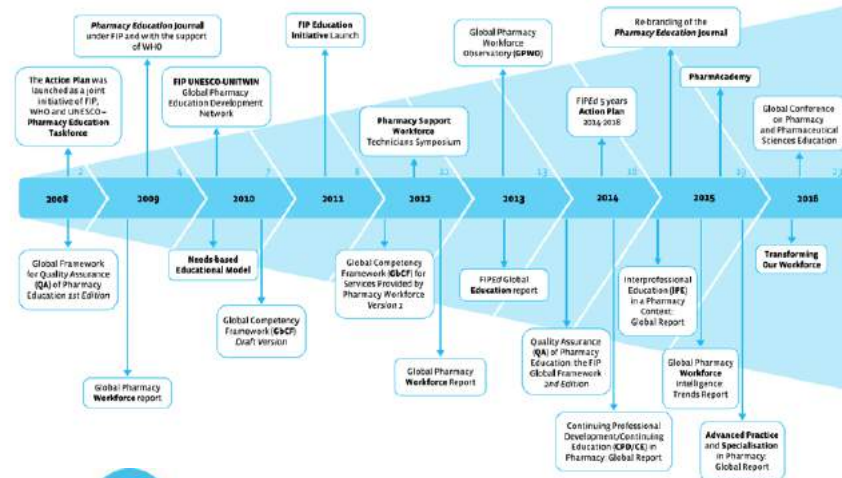
Prof. Ralph J. Altieri (CU)

1. Faculty and career development
2. Curriculum design and Assessment
3. Education research/scholarship

AIM (156 schools)

Prof. Wayne Hindmarsh (CA)

1. Leadership and Deans
2. Networking/Engagement
3. Knowledge sharing

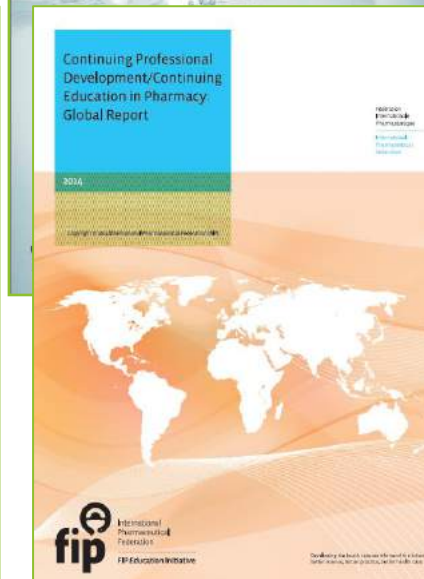


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EDT Supporting Healthcare Workforce Development

23 Reports, Tools, Resources since 2008



www.fip.org/educationreports

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Academic Pharmacy Section (AcPS)

- **Primary goals**

 - Faculty and career development

 - Curriculum and assessment design and development

 - Education research and scholarship

- **Platforms for meeting goals**

 - FIP Congress programming

 - Webinars

 - Sharing innovations in education

 - Outreach, networking and developing collaborations and partnerships

 - Welcome new members from academic sciences and practice

Academic Institutional Membership (AIM)

- **Primary goals**

 - Leadership and deans

 - Networking and Engagement

 - Knowledge sharing

- **Platforms for meeting goals**

 - Annual Deans Forum pre-FIP Congress Program

 - 2017 – Jim Honan Harvard Business School – strategic planning; change mgmt

 - Webinars

 - Outreach, networking and developing collaborations and partnerships

 - Welcome new member institutions and deans

Global Conference on Pharmaceutical Education



- **Strategic initiative of FIP*Ed* 2014-2018 Strategic Plan**

Organize and host the first and only conference of its kind

Global Conference on Pharmacy and Pharmaceutical Sciences Education

- **Context – Workforce Development and Transformative Education**

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United Nations Sustainable Development Goals



17 Sustainable Development Goals (2015-2030) adopted September 2015



Human Resources for Health is a major focus of the SDG

WHO estimates need for 40M healthcare workers by 2030



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Rationale for a global conference on pharmaceutical education



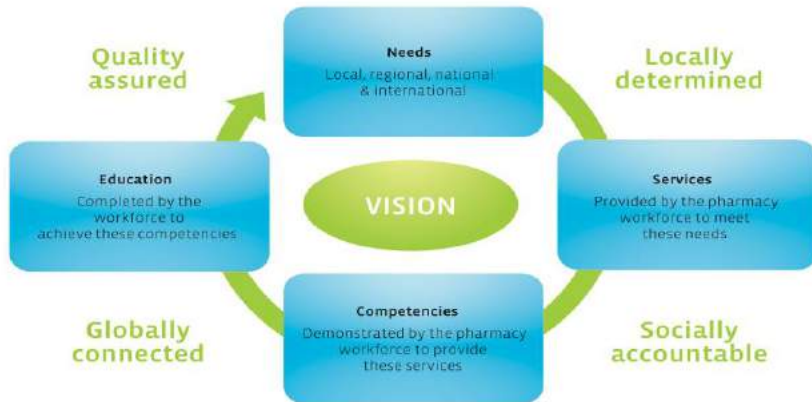
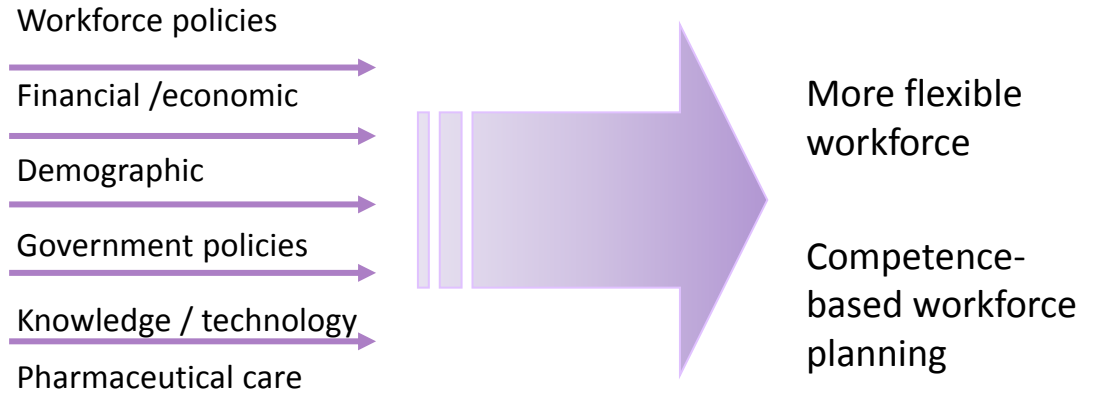
- **Development of pharmacy practice and pharmaceutical sciences** relies on a competent, sufficient and well distributed pharmaceutical workforce
 - **There is no health care without a health care workforce**
 - **There is no workforce without education**
-



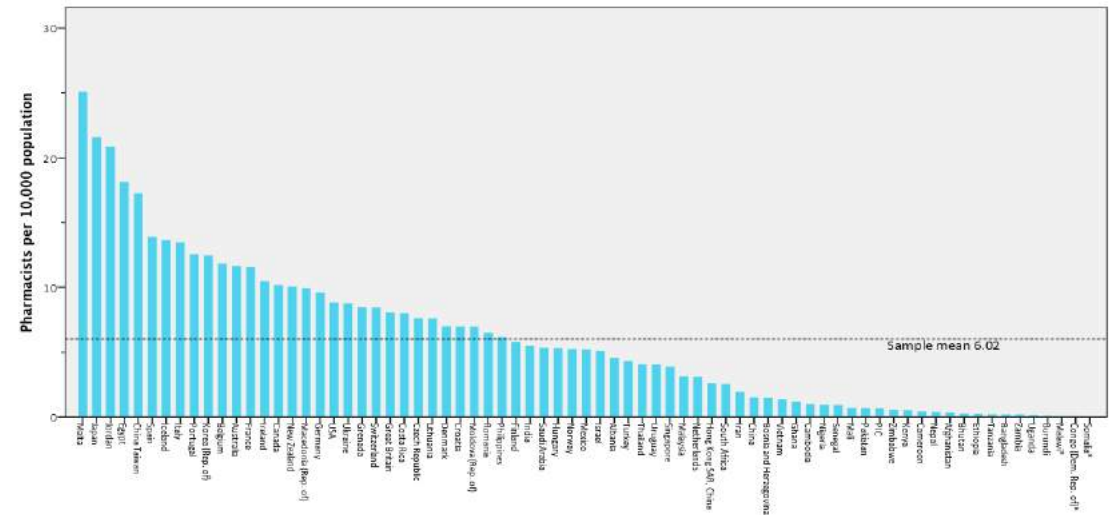
We need to be transformative



- Health System drivers
- Variance in capacity
- Variance in education and development



WHO-UNESCO-FIP Education Initiative Development Team





Nanjing
China

Global Conference on Pharmacy and Pharmaceutical Sciences Education

7&8 November 2016



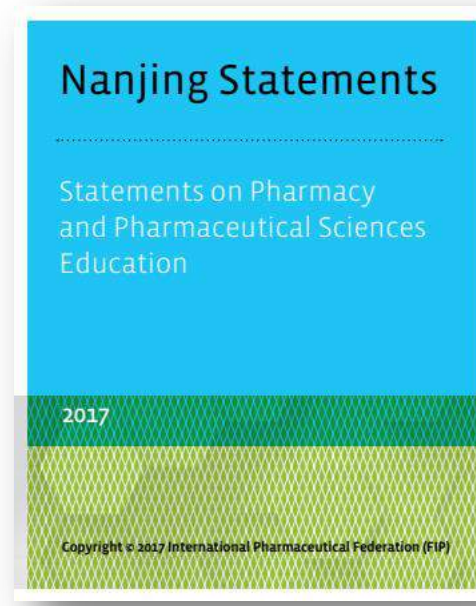
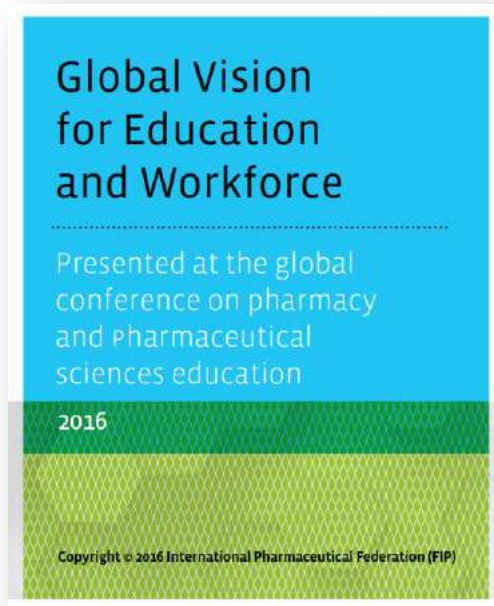
Official Launch of Global Conference Report

**“Transforming pharmacy and pharmaceutical sciences education: in
the context of workforce development”**

Over 600 participants from 46 countries



Global Vision, Nanjing Statements and PWDGs



Planning, drafting and consultation processes

	<i>Planning and Drafting</i>	<i>FIP Consultation</i>	<i>Public and organisational consultation</i>
Global Vision for Education and Workforce	Draft of the Global Vision was developed by FIP experts	Member organisations, Executive committee, Bureau, Boards and FIP <i>Ed</i>	99 comments, suggestions and support were received from 31 countries and territories
Pharmaceutical Workforce Development Goals (PWDGs)	Draft of the PWDGs was the result of the content analysis of FIP <i>Ed</i> output since 2008	Member organisations, Executive committee, Bureau, Boards and FIP <i>Ed</i>	689 comments, suggestions and support were received from 23 countries and territories
Nanjing Statements on Pharmacy and Pharmaceutical Sciences Education	Draft of the Statements on Pharmacy and Pharmaceutical Sciences Education prepared by the Working Group on Statements from the Planning Committee	Member organisations, Executive committee, Bureau, Boards and FIP <i>Ed</i>	3,216 comments, suggestions and support were received from 22 countries and territories Live voting process by country delegates during the global conference Online iteration after global conference to understand country delegates' voting decisions



Global Vision for Education and Workforce



Global Vision for Education and Workforce

Presented at the global
conference on pharmacy
and pharmaceutical
sciences education

2016

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A Global Vision for Education and Workforce that provides a description of the future directions of our profession and how education can support the evolution of science and practice.



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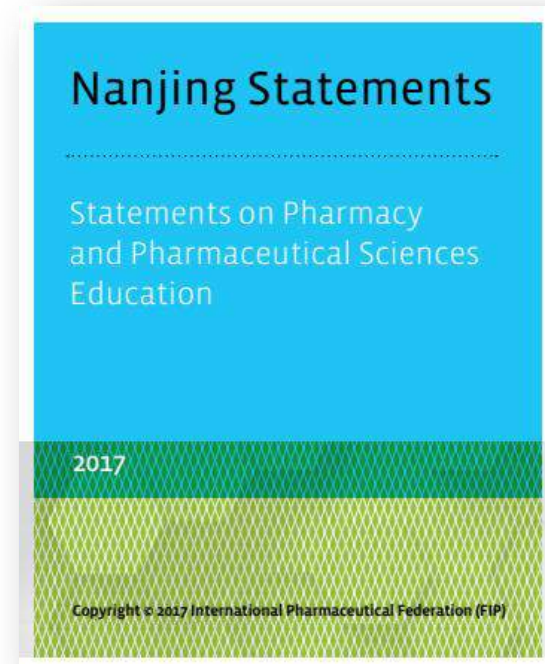
Global Conference on
Pharmacy &
Pharmaceutical Sciences
Education
7-8 November 2016



Nanjing Statements



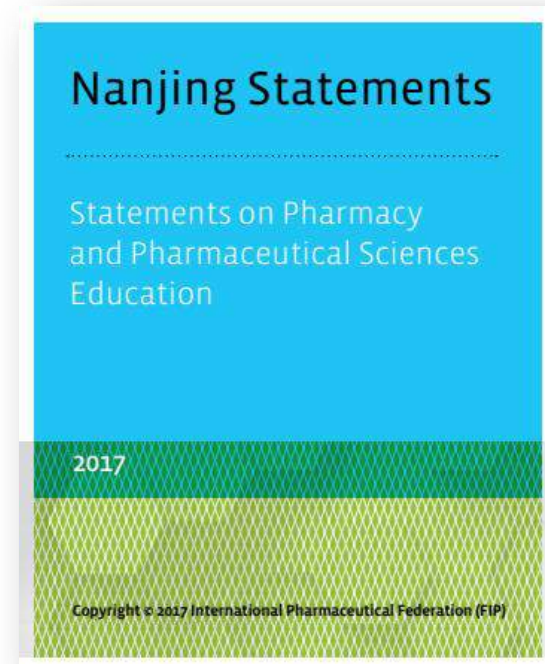
A set of 67 statements on Pharmacy and Pharmaceutical Sciences Education (“the Nanjing Statements”) that describe an envisioned future for education, to enable the enhancement of professional education standards worldwide.



Nanjing Statements

They are grouped into eight clusters:

1. Shared Global Vision
2. Professional Skills Mix
3. Recruitment of Students
4. Foundation Training and Leadership
5. Experiential Education
6. Resources and Academic Staff
7. Quality Assurance
8. Continuing Professional Development



FIP Global statements on Pharmacy Education



Cluster 1: Shared Global Vision

Promotes workforce development in the context of pharmaceutical education and training.

This global vision should help professional leadership bodies, educators and regulators in developing a national or **regional vision based** on the priorities and resources of the country or region, with the aim of developing new medicines and improving their use for better health.



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Cluster 2: Professional Skills Mix

Pharmacists in **all settings** and pharmaceutical scientists need competence, skills, knowledge and attitudes to meet the needs of the public and interact with other health care professionals.

2.1 The proper balance of science and practice should be established and taught: biomedical sciences, including pathophysiology, pharmacology and pharmacotherapy, should be distributed throughout the curriculum and should be taught in the context of patients and medicines.



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Cluster 4: Foundation Training and Leadership

Foundation training includes the process of education and leadership development for students and new graduates in pharmacy and the pharmaceutical sciences with a priority on developing the next generation of **clinical, scientific, academic and professional leaders.**

4.6 Schools should prepare students to be future mentors, supervisors, preceptors and leaders. This includes promoting a culture of peer support and knowledge sharing among students and encouraging students to mentor younger students.



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Cluster 5: Experiential Education

Experiential education programmes are where students **incrementally** develop their pharmacy practice and science skills in a wide variety of real-life settings.

5.1 Experiential education should foster development of critical thinking and problem solving processes relative to drug discovery and medicines use.

5.9 The culture of risk assessment, risk management and patient safety should be communicated clearly as an objective for a pharmacist when practising in different settings.



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Pharmaceutical Workforce Development Goals (PWDGs)



They are 'goals' !

Achievable

Relevant & useful

Evidence-based

Developmental



Three Clusters

1) Academy

Focus on schools, universities and education providers



2) Professional development

Focus on the pharmaceutical workforce



3) Systems

Focus on policy development, governmental strategy and planning, and monitoring systems



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Workshops on drivers and challenges to achieve PWDGs

Workshop #7: Clinical Practice – PWDGs 5. Competency & 11. Workforce

- How to **transform education** of pharmacists to better prepare them for clinical roles
- **Consensus that clinical practice refers to patient-focused care** in any practice setting and that expanding the role of pharmacists in clinical practice is both **desirable and achievable**.
- **Drivers (and challenges) to embrace clinical roles:**
 - Refine **practice scope and activities** for clinical practice;
 - Foster **new ways of working** that connect pharmacists to other members of the healthcare team;
 - Establish **remuneration systems** for the outcomes of clinical services;
 - **Assuring competence** to deliver excellent patient care.
 - **Share lessons learned and best practices** among countries and regions to enhance progress toward clinical services



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Global Conference on Pharmacy and Pharmaceutical Sciences Education



What next?

Next steps at national level and regional level

- FIP calls on all (in pharmacy, pharmaceutical sciences and education) to:
 - **Support and advocate** for the implementation of the **Global Vision, Pharmaceutical Workforce Development Goals and Nanjing Statements**
 - **To engage a national dialogue with key stakeholders** (including government) to revisit or develop a **strategy** for pharmaceutical workforce, based on the main outcomes of the Global Conference.
 - **To prioritize** the Pharmaceutical Workforce Development Goals according to the national strategy on health and workforce development in your country
 - **Report back** to FIP on how have you implemented the conclusions of the conference and share it with us – Contact *FIPEd* Staff (education@fip.org)



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Report back to FIP on progress and development

Get in touch with us



Your engagement is critical to translate the consensus outcomes of the Global Conference into action and to advance pharmaceutical workforce globally.

- **Join us at:**



Wed 13 Sept
9:00- 12:00

**A7: Transforming pharmacy
education - The year after Nanjing**

- **Join FIP and FIPeD through AcPS and AIM**

- Documents available at: <http://fip.org/educationreports>
- Contact us: education@fip.org



