



ASHP Practice Advancement Initiative 2030

Student Name
Student Society of Health-System Pharmacists Insert School Name

ashp

A large orange semi-circular graphic on the left side of the slide, containing the agenda text. A small yellow horizontal line is positioned above the word 'AGENDA'.

AGENDA

PAI History

PAI Engagement

PAI 2030 Themes

PAI 2030 Application

What is ASHP?



ASHP serves its members as their collective voice on issues related to medication use and patient safety.

-
- Founded in 1942
 - Headquarters in Bethesda, MD
 - 200+ Staff
 - Elected Board of Directors and Officers

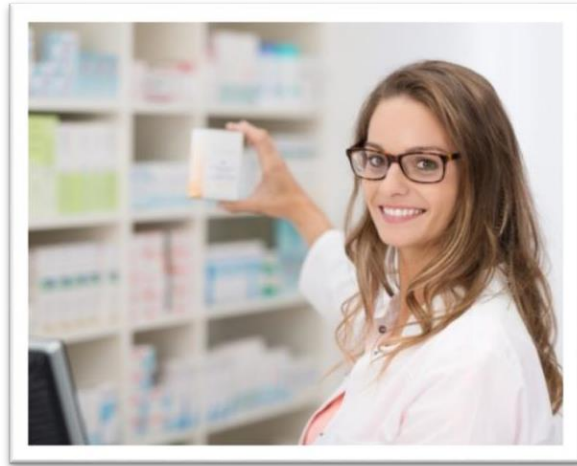
Vision

Medication use will be optimal, safe, and effective for all people all of the time

Mission

To help people achieve optimal health outcomes

Our Members



Pharmacists



Student Pharmacists



Pharmacy Technicians

60,000

“We always overestimate the change that will occur in the next two years and underestimate the change that will occur in the next ten. Don’t let yourself be lulled into inaction.”

-- Bill Gates

Origins of PAI

1

Pharmacy Practice Model Initiative

In 2010, an invitational summit was held to develop recommendations for practice. A total of 147 recommendations resulted, focused primarily on hospital settings.

2

Ambulatory Care Summit

In 2014, a summit was held to develop ambulatory care-specific recommendations for practice advancement. A total of 25 recommendations were made.

3

Rebranded to Practice Advancement Initiative

In 2015, the PPMI and ACS recommendations were combined to address both acute and ambulatory care settings. The initiative was rebranded to PAI.

The PAI Story

1

Engagement

It has successfully engaged practitioners, leaders, students, technicians and others in assessing and advancing practice

2

Partnerships

It has resulted in a great partnership with ASHP affiliates.... practice change is local

3

Practice Advancement

Provided practice education, resources, strategic planning resources – with measurable results



PAI 2030

1. Many recommendations in PAI have been achieved
2. Healthcare landscape changes and disruptive trends
3. Expansion of services and practice opportunities
4. Technology enablers and population health



Why does PAI matter to me?

1

Advance Practice

It has successfully engaged practitioners, leaders, students, technicians and others in assessing and advancing practice

2

Network and Explore Career Options

Connect with the national PAI community as well as other SSHPs in their efforts to push the PAI initiative. Through this, explore unique and upcoming career paths within pharmacy [here](#).

3

Recognize your SSHP

Incorporate PAI 2030 in at least one (1) SSHP activity (career development activities or professional development project). Ideas for incorporating PAI include can be found [here](#).



WHAT IS PAI 2030?



59 recommendations on providing optimal, safe, and effective medication use



Aspirational guidance serving as a roadmap to pharmacy practice advancement



Future-focused set of concepts looking beyond today's barriers to change

PAI 2030 THEMES FOR PRACTICE CHANGE



Optimize care via pharmacist-provided comprehensive medication management



Integrate pharmacy enterprise for convenient and cost-effective care



Increase public health opportunities in social determinants, chronic illness, and addiction



Adopt personalized, targeted therapies








Harness data to improve patient health



Advance pharmacy technician roles

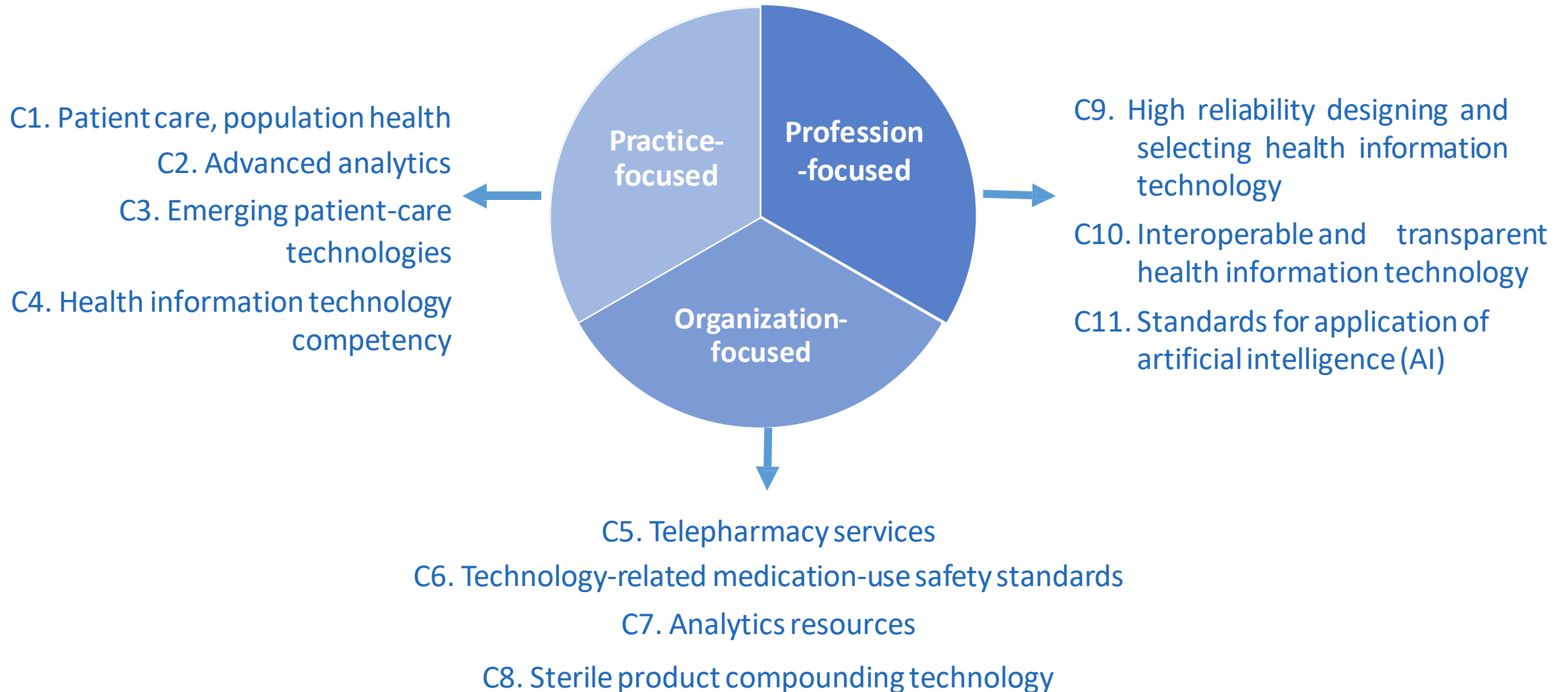
PAI 2030
Themes

Patient-Centered Care 	Pharmacist Role, Education, and Training 	Technology and Data Science 	Pharmacy Technician Role, Education, and Training 	Leadership in Medication Use and Safety 
<ul style="list-style-type: none"> ■ Shift from patient advocacy to patient and family activation ■ Integrate pharmacy enterprise for convenient and cost-effective care ■ Optimize care via pharmacist-provided comprehensive medication management 	<ul style="list-style-type: none"> ■ Increase in the credentialing and privileging of pharmacists in health systems ■ Proliferation of board certification in many practice areas ■ Building of workforce skills in population health management and mental/behavioral health 	<ul style="list-style-type: none"> ■ Harness data analytics to improve patient health ■ Augmented intelligence is an important developing technology that will impact operations and practice ■ Assessing patient care technologies to support optimal medication-use outcomes 	<ul style="list-style-type: none"> ■ Foster development of professional career paths for pharmacy technicians ■ Achieve a recognized scope of practice ■ Advance pharmacy technician roles to improve patient care access 	<ul style="list-style-type: none"> ■ Advance use of pharmacogenomics information and lead medication stewardship activities ■ Increase public health opportunities to address social determinants, chronic illness, and addiction ■ Support the well-being and resiliency of pharmacy workforce

The ASHP Practice Advancement Initiative (PAI) 2030 includes 59 recommendations to promote optimal, safe, and effective medication use; expand pharmacist and technician roles; and implement the latest technologies.

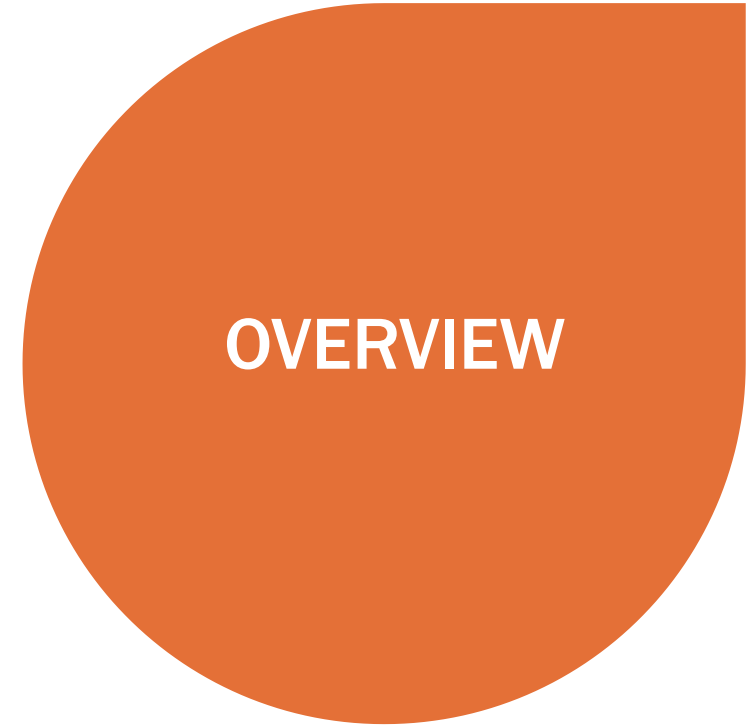
Subdomains of PAI 2030 Recommendations

(Example: Technology and Data Science Domain)



Patient Centered Care

1. Health-systems are becoming accountable for the entire patient care spectrum, including preventative health, acute care, and longitudinal ambulatory care
2. Shift from patient advocacy to patient and family activation
3. Continued growth of ambulatory care pharmacists and specialty pharmacist services to meet patient care needs



Patient-Centered Care

Practice

A2, A3. Lead medication reconciliation processes during transitions of care.

A5. Work as part of interprofessional care teams

Organization

A8. Patient centered care across the continuum of care

Profession

A14. Pharmacists should lead and advocate for comprehensive medication management in all healthcare settings.



Pharmacist Role, Education, and Training

1. Continuing education remains common practice vs. continuing professional development
2. Credentialing and privileging of pharmacists established in some health systems - not yet common practice nationally
3. Continued shortage in primary care providers and unmet patient care needs, especially in rural areas
4. Proliferation of board-certification in many practice areas. Gaps exist in some areas, such as informatics
5. Need to build workforce skills in population health management and mental and behavioral health



OVERVIEW

Pharmacist Role, Education, & Training

Practice

B2. Pharmacists should expand scope of practice to include prescribing to optimize patient care.

Organization

B6. Pharmacy practice leaders should ensure their workforce has the necessary knowledge and competency to adapt to emerging health care needs.

Profession

B9. Pharmacists in all care settings should be included as integral members of the health care team and share accountability for patient outcomes and population health.



Technology and Data Science

1. Health IT will continue to have a significant impact on the profession
2. Advancements in healthcare technologies should support clinical, financial, and operational efficiencies
3. Pharmacy informatics competencies important for all workforce not just specialists
4. Pharmacy leaders are essential to the assessment, selection, and validation of new medication-use technologies
5. Technology safety is an important consideration as we rely on technologies in practice
6. Analytics strategies are key to navigating the substantial amount of contemporary medication-use information and applying these data to improvement
7. AI/ML are important developing technologies that will impact operation and practice



OVERVIEW

Technology & Data Science

Practice

C2. Foster the development and application of advanced analytics.

C3. Assess emerging technologies.

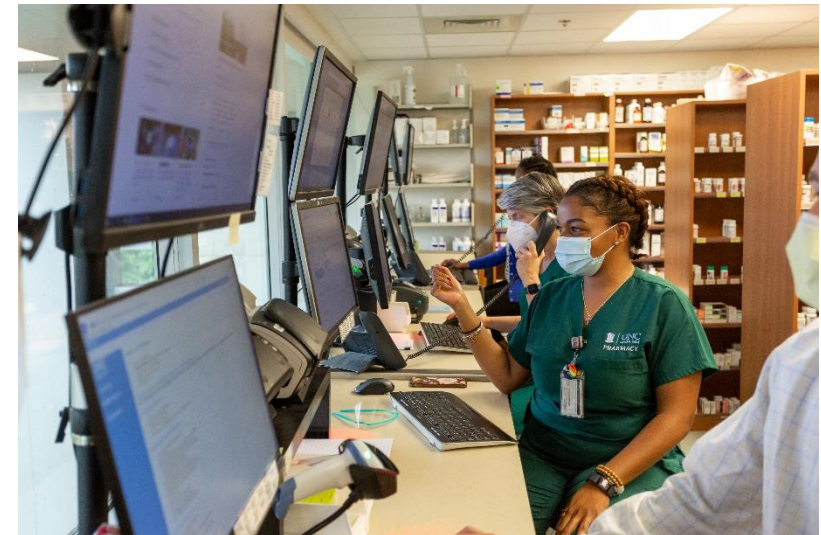
Organization

C5. Virtual pharmacy services should be deployed.

C7. Apply analytics to financial and clinical performances.

Profession

C9. Embody high-reliability principles when designing and selecting health information technology.



Pharmacy Technician Role, Education, and Training

1. Pharmacy technician participation in advanced roles in all practice settings
2. Responsibility for advanced technical and supporting activities
3. Completion of ASHP/ACPE-accredited technician education and training
4. Entry-level certification
5. Foster development of professional career path for pharmacy technicians
6. Achieving a recognized scope of practice including core competencies



OVERVIEW

Pharmacy Technician Role, Education, & Training

Practice

D1. Technicians should participate in advanced roles in a practice settings to promote efficiency and improve access to patient care.

D2. Technicians should have complete responsibility for advanced technical and supporting activities.

Organization

D5. Foster the development of professional career paths for pharmacy technicians.

Profession

D6. Define scope of practice.



Leadership in Medication Use and Safety

1. Pharmacists should lead pharmacogenomic and medication stewardship
2. Leadership should support staff well-being and resiliency
3. Support of interprofessional innovation centers
4. Support of diversity, equity and inclusion
5. Policy influence for individual patients and population health
6. Develop opportunities for interdisciplinary problem solving around patient care



OVERVIEW

Leadership in Medication Use & Safety

Practice

- E1. Advance the use of pharmacogenomics.
- E2. Assume leadership roles in medication stewardship at local, state, and national levels.

Organization

- E4. Ensure evidence-based medication use.
- E6. Ensure well-being and resiliency of their staffs.
- E7. Strive to achieve equity, diversity, and inclusion in all technical, clinical, and leadership roles.

Profession

- E12. Leaders in policy development.



PAI 2030



ASHP's Practice Advancement Initiative 2030 includes tools and resources aimed at advancing pharmacy practice through the next decade

Since its inception in 2010, ASHP's Practice Advancement Initiative has resulted in a remarkable partnership with ASHP state affiliates, health systems, and pharmacists to help drive pharmacy practice change at a local level.

PAI 2030 Tools & Resources

www.ashp.org/pai

PAI 2030 Self-Assessment Tool

- Two tracks (Practitioner and Organization)
- Identify gaps with the PAI 2030 recommendations
- Create an action plan for adoption and implementation

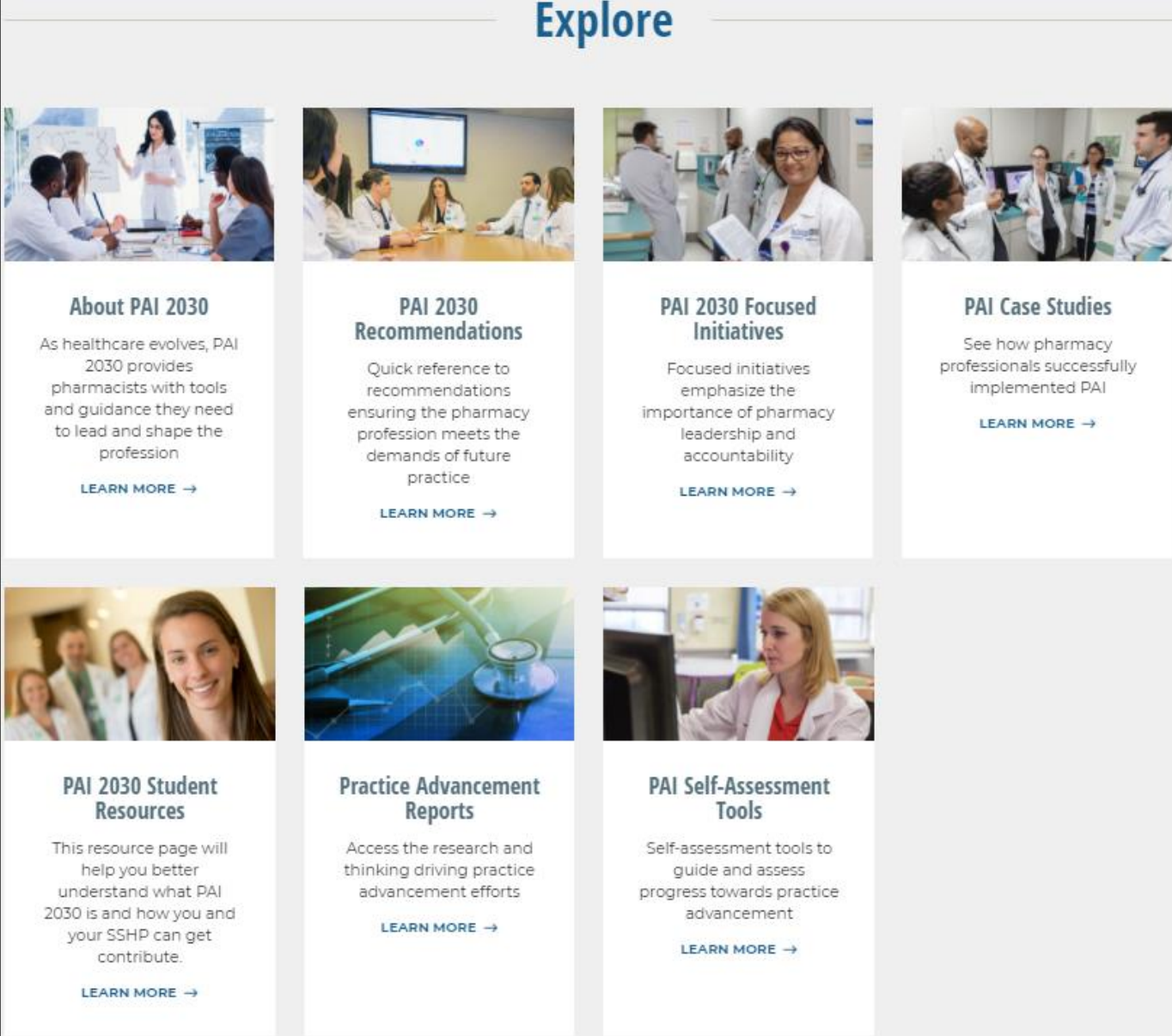
Case Studies, Podcasts, Webinars

Testimonials on where pharmacy departments and pharmacists are making an impact implementing the PAI 2030 recommendations

State Affiliate Toolkit and Champion Approach

Awards and Research

- ASHP Best Practices Award
- ASHP Student Leadership Award
- ASHP Foundation Research Grants



The image shows a grid of eight resource cards under the heading "Explore". Each card features a photograph of pharmacy professionals and a brief description of the resource, with a "LEARN MORE" link and arrow.

- About PAI 2030**: As healthcare evolves, PAI 2030 provides pharmacists with tools and guidance they need to lead and shape the profession. [LEARN MORE →](#)
- PAI 2030 Recommendations**: Quick reference to recommendations ensuring the pharmacy profession meets the demands of future practice. [LEARN MORE →](#)
- PAI 2030 Focused Initiatives**: Focused initiatives emphasize the importance of pharmacy leadership and accountability. [LEARN MORE →](#)
- PAI Case Studies**: See how pharmacy professionals successfully implemented PAI. [LEARN MORE →](#)
- PAI 2030 Student Resources**: This resource page will help you better understand what PAI 2030 is and how you and your SSHP can get contribute. [LEARN MORE →](#)
- Practice Advancement Reports**: Access the research and thinking driving practice advancement efforts. [LEARN MORE →](#)
- PAI Self-Assessment Tools**: Self-assessment tools to guide and assess progress towards practice advancement. [LEARN MORE →](#)

PAI 2030 Self-Assessment Tool

ACCESS TO SELF-ASSESSMENT TOOL:

<https://pai2030tool.ashp.org/>

The screenshot shows the 'Overview' page of the PAI 2030 Self-Assessment Tool. At the top, there is the ASHP PAI 2030 logo and the title 'SELF-ASSESSMENT TOOL'. Below the title, there is a navigation bar with links for Home, FAQs, PAI 2030 Resource Center, Create Account, and Login. The main content area features an 'Overview' section with text explaining the tool's purpose and how to use it. A 'Getting Started' section is visible at the bottom, containing 'Create Account' and 'Login' buttons, along with an illustration of a pharmacist.

Tiered Scoring by Domain & Action Plan



The screenshot shows the 'Summary & Action Plan' page. At the top, there is a header with the ASHP logo and the title 'Summary & Action Plan'. Below the header, there is a table with columns for Institution, Completed, Assessment Type, and Assessment Track. The table shows 'Eric's Test Hospital', 'May 24, 2021', 'Personal', and 'Practitioner'. Below the table, there is a section for 'Assessment Scores' with a 'Print Action Plan (PDF)' button and a legend for Tiered Scoring (Tier 1, Tier 2, Tier 3, Tier 4). A large QR code is displayed in the center. To the right, there is a 'Navigation' sidebar with buttons for 'Summary & Action Plan', 'My Assessment', 'Comparison Report', 'Resources', and 'Blank Assessment'. At the bottom, there is an 'Action Plan' section with a '[Update Action Plan]' button and a list of recommendations.



What is my SSHP's role in PAI 2030?

Study the PAI 2030 recommendations

Visit PAI 2030 website and review relevant publications

Attend educational programming during ASHP conferences

Complete PAI 2030 Self-Assessment Tool

Promote the PAI 2030 Initiative

Engage in conversation with pharmacy leaders

Bring the initiative to your SSHP meetings and discussions

Participate in ASHP events, initiatives, and discussions of PAI 2030

Propose student resources

Bring innovative projects and activities related to PAI 2030

Exchange ideas with local SSHP leaders and nationwide colleagues

Develop student resources (blogs, toolkits, event planners, timelines, etc.)



Key Takeaways

1. ASHP has streamlined and updated its recommendations for practice change in health-system pharmacy targeted toward the year 2030
2. A wide range of individuals and organizations was engaged in the process resulting in 59 recommendations
3. The recommendations take into account changes in the healthcare environment over the past decade, projected trends, and the pharmacy profession's aspirations





ashp® PAI 2030

Practice Advancement Initiative