

The Future of the Pharmacy Academy: How Pharmacy Practice Transformation Will Decide the Future of Pharmacy Education

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Overview

- Brief overview of the American Association of Colleges of Pharmacy (AACCP)
- Challenges facing pharmacy education, pharmacy, and AACCP
- Opportunities and future directions
- Questions and discussion

Brief Description of AACCP

- Founded in 1900
- National professional association representing:

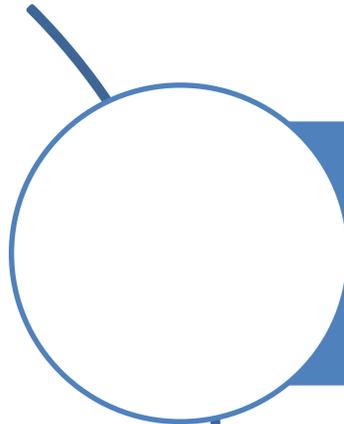
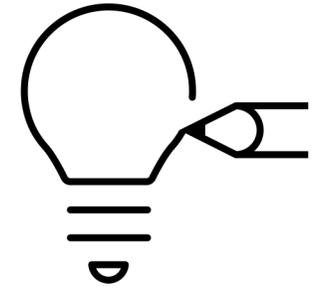
142 accredited colleges and schools of pharmacy in the US

7,000 faculty members

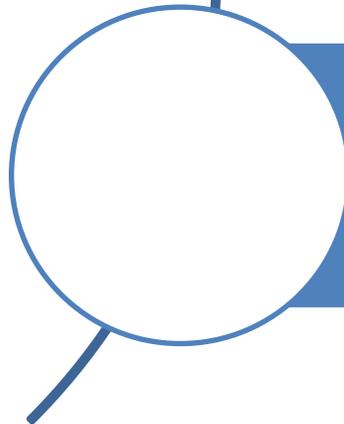
53,000 students in professional programs

5,000 students in graduate programs

AACP Mission and Vision



Mission: Advance pharmacy education, research, scholarship, practice and service, in partnership with members and stakeholders, to improve health for all.



Vision: We envision a world of healthy people through the transformation of health professions education.

AACP Strategic Plan 2021-2024



Strategic Priority 1:
Leading the
Transformation of
Pharmacy Practice



Strategic Priority 2:
Optimizing Pharmacy
Education and Training
Across the Lifespan
of Pharmacists and
Pharmaceutical Scientists



Strategic Priority 3:
Leading Diversity, Equity,
Inclusion, and Anti-racism
(DEIA) Efforts



Strategic Priority 4:
Achieving Well-being
for All



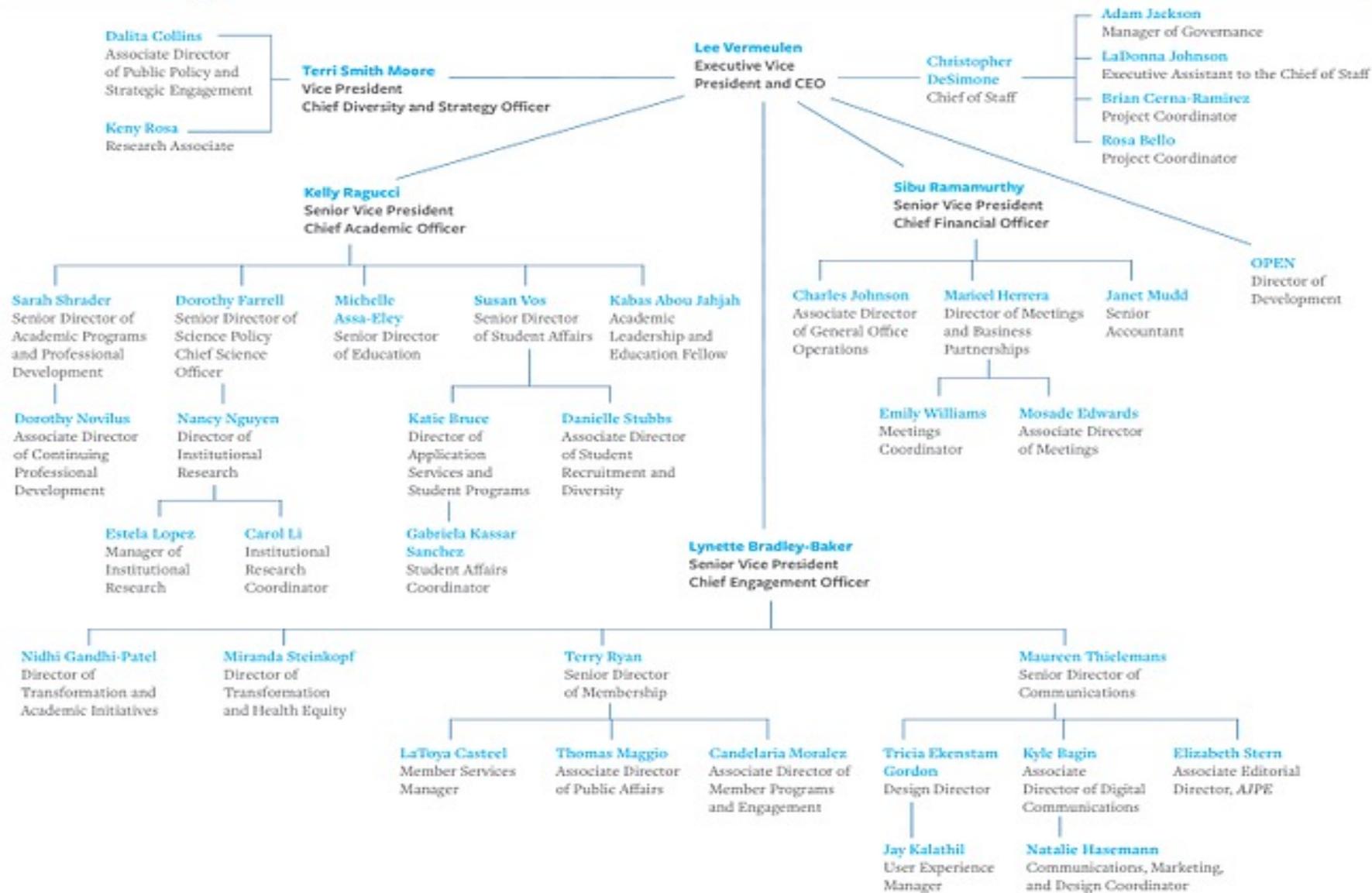
Strategic Priority 5:
Strengthening the
Financial Health of
AACP and Our Members



Strategic Priority 6:
Ensuring Our Strong
Culture and High-
Functioning Operations
Support Our Work

AACP Organizational Chart

as of October 2023



Challenges in Pharmacy Education

- Declining enrollment – emerging pharmacy workforce crisis
- Curriculum bloat – too much to teach and learn
- Professional identity tied to business model – to a product – not to contemporary understanding of value
- Unacceptable workplace conditions (particularly in corporate community pharmacy)
- Finance models that must be changed to make practice advancement possible
- Practice models that need to be changed

P1 Pharm.D. Seats Available vs. Filled

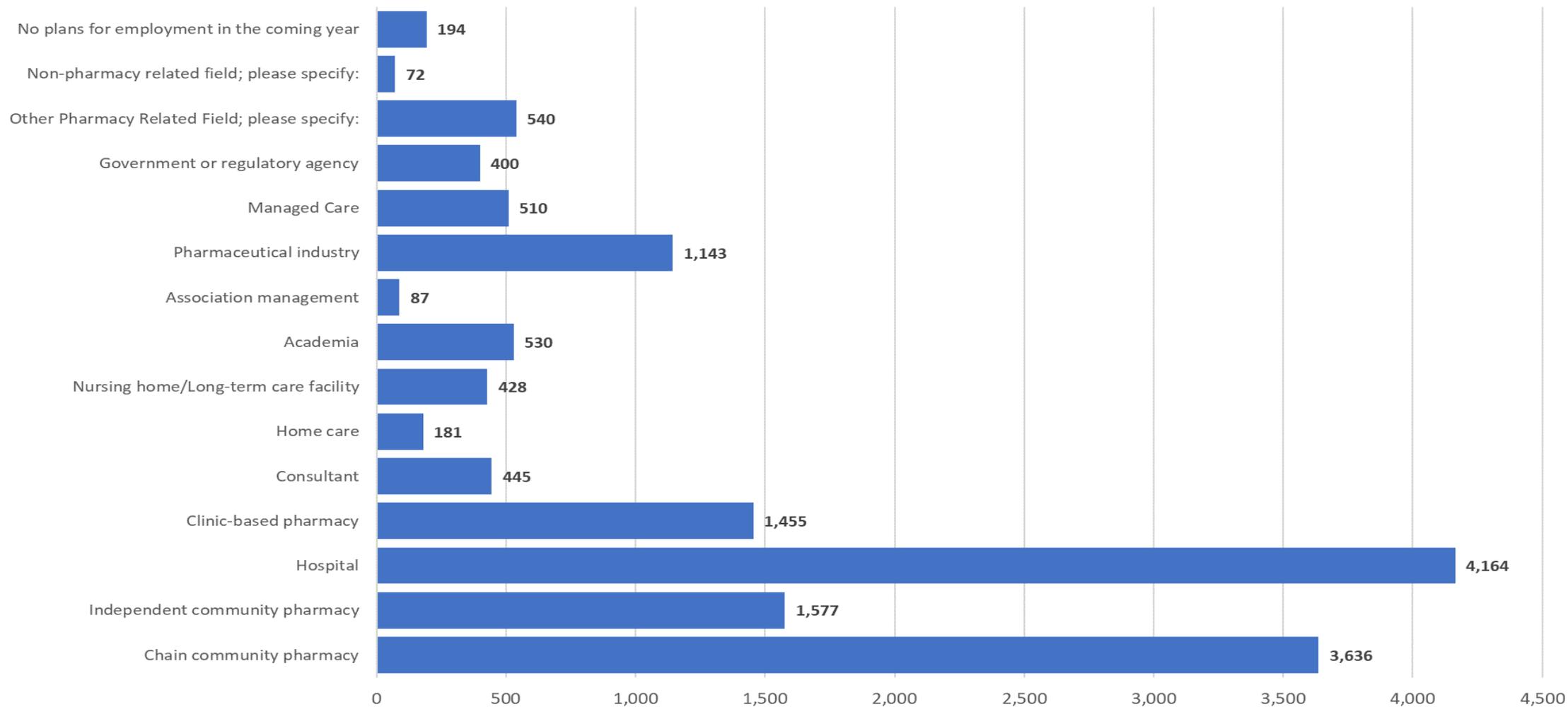
All Institutions

	For ALL Institutions		
	Target # of Seats Available	Maximum # of Seats Available	# of Seats Filled
2017-2018 for 2018 Entering Class	15,934	17,050	15,192
2018-2019 for 2019 Entering Class	15,512	16,893	14,466
2019-2020 for 2020 Entering Class	14,464	16,443	13,420
2020-2021 for 2021 Entering Class	14,273	16,476	12,580
2021-2022 for 2022 Entering Class	13,674	16,261	9,324
2022-2023 for 2023 Entering Class	13,008	15,742	N/A

Notes:

- 2023, 2022, 2021, and 2020 seats data are based on school-reported numbers in the PharmCAS School Directory.
- 2019 and 2018 seats data are based on previous school-reported data captured in the AACP Seat Survey results.
- AACP cannot determine the number of individual applicants who applied to non-PharmCAS schools.
- Seats filled data is not yet available for the 2023 entering class.

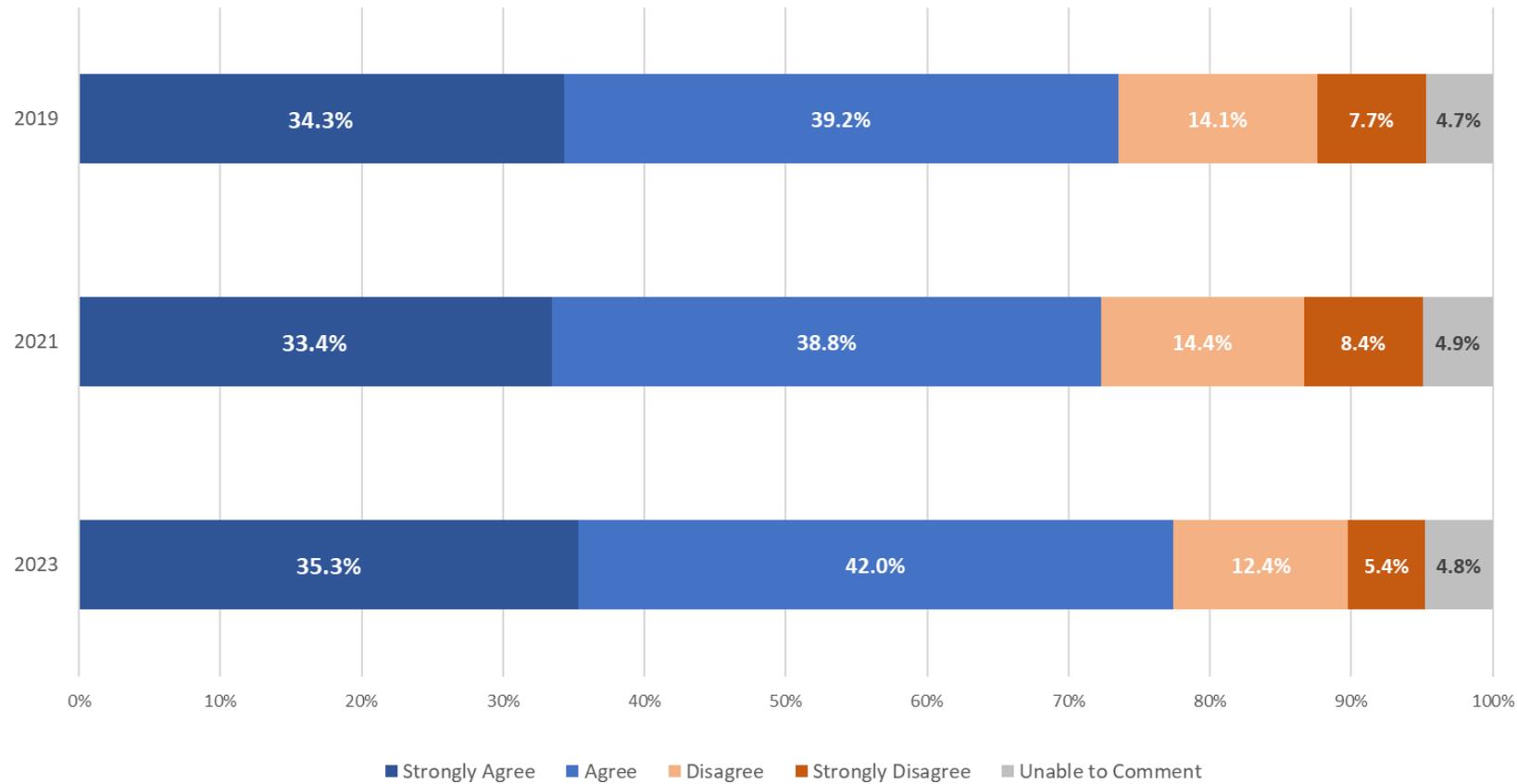
Graduating Students: What are your current plans for primary employment upon your graduation from the college/school of pharmacy?



Source: 2023 Graduating Student Survey

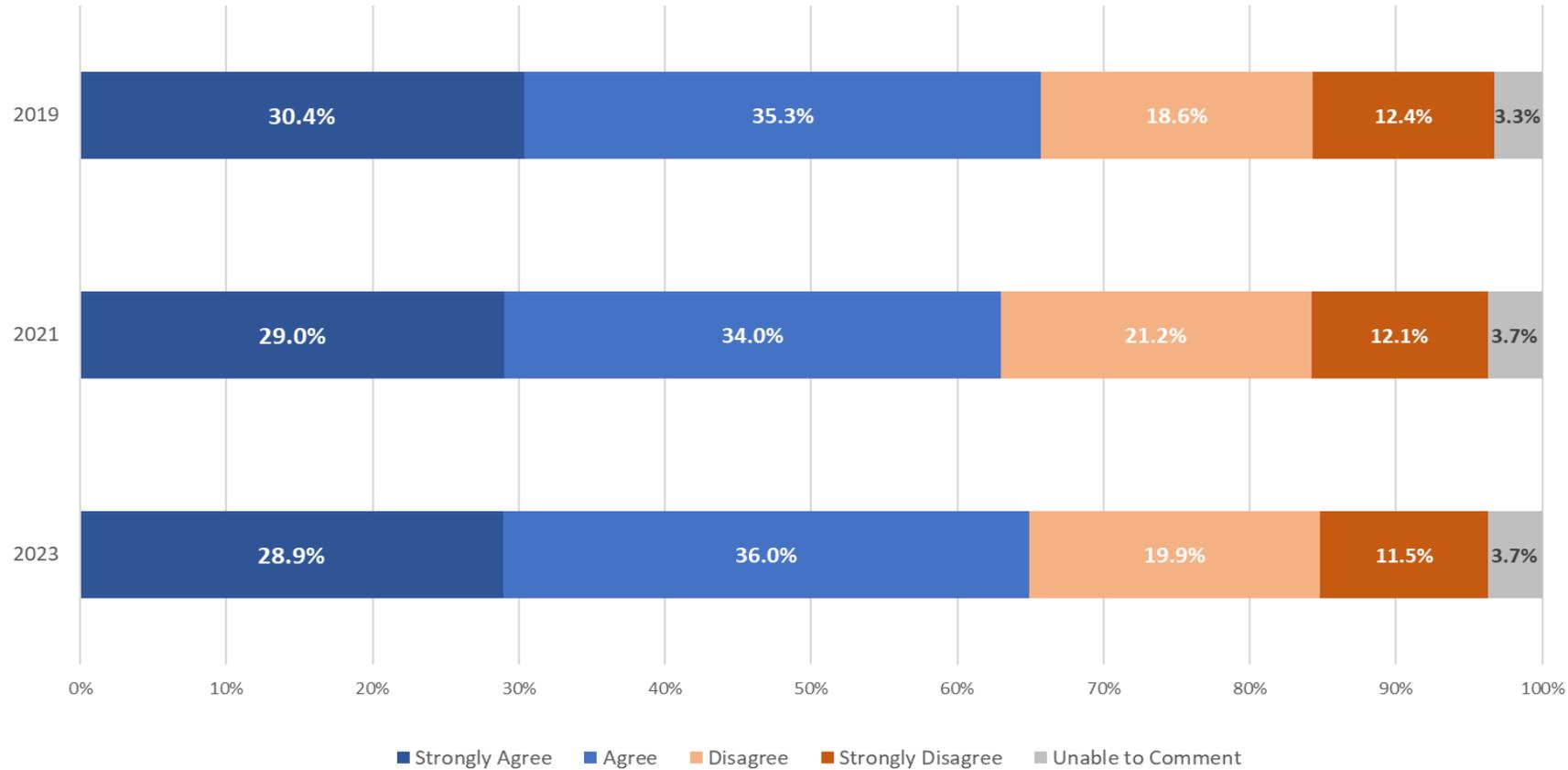


Graduating Students Data: If I were starting my college career over again I would choose to study pharmacy.



Source: Graduating Student Survey

Alumni Data: If I were starting my education over today, I would choose pharmacy as a career.



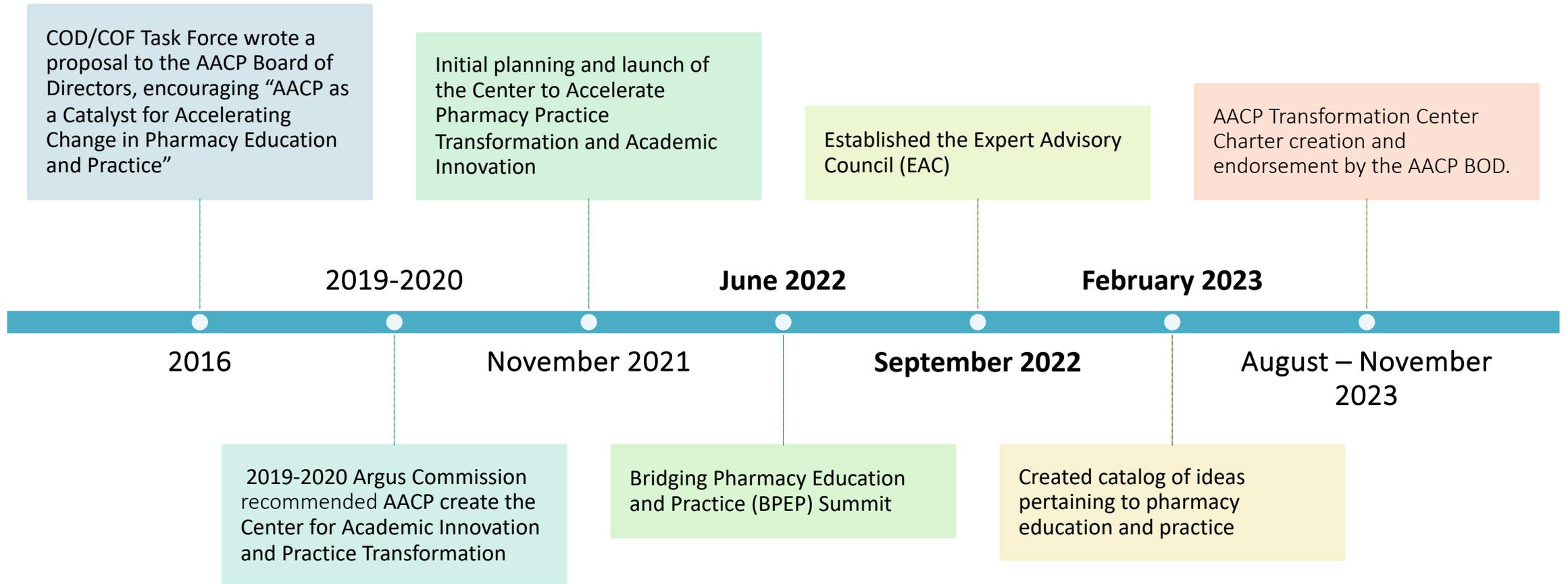
Source: Alumni Survey

Leveraging Strengths of the Pharmacy Academy

- Proven value, competence, confidence in our pandemic contributions
- Access to care
- Partnerships among colleges of pharmacy, state boards, state associations
- Evidence-based approach to resolving practice issues

AACP
Transformation
Center Center to Accelerate Pharmacy Practice
Transformation and Academic Innovation

Background



Fundamental Beliefs, Concepts, and Philosophies

Transformation is essential to the survival of the pharmacy profession.

Colleges/Schools of pharmacy have a critical role in practice transformation.

Colleges/Schools of pharmacy must have a leadership position in practice transformation. We must facilitate, convene, and collaborate with other sectors/segments of our profession and other associations.

We cannot do this alone and must partner with others across the profession.

AACP and academia are spaces where everyone's voice is heard.

Threading transformation efforts throughout scholarship, teaching and service is critical.

What is Essential Moving Forward?

Leverage Existing Assets and Foster New Collaborations

- Current AACP structure (e.g., Committees, Task Forces)
- External partnerships (existing and future)

Addressing Community Pharmacy Challenges

- ACT Pharmacy Collaborative
- 2022-2023 and 2023-2024 Professional Affairs Committee
- Pharmacists in chain settings are most discouraged by their current situation, compared to pharmacists in ambulatory care, inpatient, and independent community settings (2022 Interim National Workforce Survey Results)
- Patient safety concerns

Enhancing Pharmacy Workforce Pipeline/Readiness

- Recommendations from the ATC Expert Advisory Council
- 2023 CEO Deans survey

Funding

- Partnerships with members
- Internal AACP revenue streams

AACP Resources

- Personnel to operationalize projects
- Financial resources to contribute to programs, products, and services

Current Goals of AACP Transformation Center

- Short-term Actions
 - Rebrand the AACP Transformation Center
 - Transformation work across governance, affinity, member, and staff groups will be housed under this program
 - ACT (Academia-Community Transformation) Pharmacy Collaborative officially housed within AACP as part of the transformation program
- Intermediate Goals
 - Sustain the ACT Pharmacy Collaborative and expand these initiatives to collaborate with community-based pharmacy employers (e.g., Walgreens, CVS) and other partners
 - Grow and expand community-based pharmacy practice transformation work across existing AACP teams, programs, Sections, and SIGs
- Long-term Goals
 - Continue to assess the needs of the pharmacy profession and consider new areas of focus based on emerging information

Academia-Community Transformation (ACT) Pharmacy Collaborative



Academia-Community Transformation (ACT) Pharmacy Collaborative

FOUNDING PARTNERS



The Community Pharmacy Foundation is an organization whose primary purpose is to assist community pharmacy practitioners by providing resources for research and development to encourage new capabilities and continuous improvements in the delivery of patient care. The Community Pharmacy Foundation provided grant funding for this initiative.



The University of Pittsburgh School of Pharmacy is committed to improving health through excellence, innovation, and leadership in education of pharmacists and pharmaceutical scientists, in research and scholarship, in care of patients, and in service to our communities. Chartered in 1878, the School of Pharmacy ranks ninth in US News & World Report. PittPharmacy is coordinating the formation and efforts of the ACT Pharmacy Collaborative.



CPESN USA endeavors to aid in the financial sustainability of community-based pharmacies through fostering and enabling the provision of high quality and high integrity patient-centered enhanced services that are integrated with the patient's care team and transcend conventional outpatient pharmacy contract obligations.



The mission of AACCP is to lead and partner with our members in advancing pharmacy education, research, scholarship, practice and service to improve societal health.

COLLABORATIVE PARTNERS



Founded in 1898, the National Community Pharmacists Association is the voice for independent pharmacy, representing 21,000 pharmacies and employing more than 250,000 individuals nationwide. Independent pharmacy is a \$75.8 billion marketplace. Community pharmacists are local health care problem-solvers who can customize solutions to local health challenges for groups and employers.



The American College of Clinical Pharmacy is a professional and scientific society that provides leadership, education, advocacy, and resources enabling clinical pharmacists to achieve excellence in practice, research, and education. ACCP is the professional home for clinical pharmacy practitioners, scientists, educators, administrators, students, residents, and fellows from more than 60 countries committed to excellence in clinical pharmacy.



The American Pharmacists Association is the largest association of pharmacists in the United States and is the only organization advancing the entire pharmacy profession. As the voice of pharmacy, the American Pharmacists Association leads the profession and equips members for their role as the medication expert in team-based, patient-centered care.



ACT Pharmacy Collaborative

ACT Champions at Colleges and Schools of Pharmacy

Collaborative Goal

Support the transformation of community-based pharmacy practice from a product-based care model to a community-based pharmacy care delivery model

The ACT Pharmacy Collaborative will:



Unite

Unite colleges/schools of pharmacy and pharmacist leaders nationwide with a common focus to transform community-based pharmacy practice.



Mobilize

Mobilize stakeholders and resources to support and facilitate implementation of community-based pharmacy care.



Amplify

Amplify the development and implementation of sustainable community-based pharmacy care delivery.

2023-2024 ACT Pharmacy Collaborative Signature Programs

Community Pharmacy Practice Transformation Badge

- Participants will engage in knowledge/training opportunities and be required to prove their competency in various areas through completion of engagement/implementation/dissemination opportunities with practice partners and/or academia colleagues.

Community Pharmacy Student Scholar Leaders Program

- This program invites students enrolled in an accredited PharmD program to apply to join a cohort students nationwide who aspire to be leaders in community pharmacy practice. Students accepted into the program will engage in synchronous learning with community pharmacy and faculty leaders nationally.

Community Pharmacy Centers of Excellence Framework and Recognition

Program

- Colleges/Schools are encouraged to apply for this recognition based on work they are doing to lead community pharmacy transformation through teaching, service/advocacy, scholarship, partnership and leadership support. This national application will be open to all accredited colleges/schools of pharmacy in the United States.

Future Directions for AACCP and Our Members ⁽¹⁾

- Role of AACCP and member colleges and schools in advocacy, practice advancement
- Driving the future of pharmacy via relationships with other professional associations, particularly NABP, NASPA, APhA
- Key areas of focus for the academy
 - Competency-based education (CBE)
 - Resolving curricular bloat

Future Directions for AACCP and Our Members (2)

- Expansion of individual membership, particularly identifying opportunities to serve preceptors/experiential faculty and pharmaceutical scientists
- Expansion of research activities
 - Intramural program at AACCP, focus on disparities, diversity, in partnership with members
 - Expanded role of convener, advocate (PhRMA Foundation, NAM, etc.)
 - Shared research services for member institutions
- Global strategies

Assessment Question 1

Compared to 2022, in the year 2026, the number of graduating pharmacists in the US will:

- A. Increase
- B. Decrease
- C. Remain the Same

Assessment Question 1

Compared to 2022, in the year 2026, the number of graduating pharmacists in the US will:

- A. Increase
- B. **Decrease**
- C. Remain the Same

Assessment Question 2

Colleges and schools of pharmacy have a clear role in advancing pharmacy practice transformation.

- A. True
- B. False

Assessment Question 2

Colleges and schools of pharmacy have a clear role in advancing pharmacy practice transformation.

- A. **True**
- B. False

Assessment Question 3

Which of the following is the constituent group with the greatest potential to influence regulatory and policy setting at the state level?

- A. Boards of Pharmacy
- B. State Associations
- C. Colleges and Schools of Pharmacy
- D. All of the above, working in partnership

Assessment Question 3

Which of the following is the constituent group with the greatest potential to influence regulatory and policy setting at the state level?

- A. Boards of Pharmacy
- B. State Associations
- C. Colleges and Schools of Pharmacy
- D. **All of the above, working in partnership**

Questions and Discussion

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