

# American Association of Colleges of Pharmacy Alumni Survey

## 2021 Public School Summary Report

September 2021

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Total number of schools: 32  
Total number of responses: 1,409  
Response Rate: 10.9%

### Section I: Development/Communication

Please indicate the degree to which you agree or disagree with each statement.

	Strongly Agree	Agree	Disagree	Strongly Disagree	Unable to Comment
1. The college/school communicates effectively with alumni about college/school activities.	28.0% (395)	<b>52.8%</b> <b>(744)</b>	10.6% (150)	3.1% (43)	5.5% (77)
2. The current Dean is providing leadership in pharmacy.	<b>37.8%</b> <b>(533)</b>	36.6% (515)	4.3% (60)	1.7% (24)	19.7% (277)
3. The current Dean encourages alumni to stay involved.	30.6% (431)	<b>39.1%</b> <b>(551)</b>	10.7% (151)	3.1% (44)	16.5% (232)

### When I was a student...

	Strongly Agree	Agree	Disagree	Strongly Disagree	Unable to Comment
4. The faculty displayed respect for their colleagues and students.	<b>51.7%</b> <b>(728)</b>	42.9% (604)	3.9% (55)	1.3% (18)	0.3% (4)
5. Faculty, administrators and staff served as positive role models for students.	<b>53.9%</b> <b>(760)</b>	41.6% (586)	2.6% (37)	1.3% (19)	0.5% (7)
6. I knew what the program outcomes were.	<b>48.8%</b> <b>(688)</b>	44.2% (623)	4.9% (69)	1.3% (18)	0.8% (11)
7. The curriculum provided opportunities to engage in active learning (e.g., laboratories, recitations, student portfolios, problem-based learning).	<b>61.0%</b> <b>(859)</b>	35.7% (503)	2.3% (33)	0.9% (13)	0.1% (1)
8. I was encouraged to assume responsibility for my own learning.	<b>63.0%</b> <b>(888)</b>	34.6% (488)	1.5% (21)	0.6% (9)	0.2% (3)
9. I was academically prepared to enter my advanced pharmacy practice experiences.	<b>53.8%</b> <b>(758)</b>	39.0% (550)	5.3% (75)	1.2% (17)	0.6% (9)
10. The curriculum prepared me to enter my first pharmacy job.	<b>45.6%</b> <b>(643)</b>	41.1% (579)	8.5% (120)	2.6% (36)	2.2% (31)

	<b>Strongly Agree</b>	<b>Agree</b>	<b>Disagree</b>	<b>Strongly Disagree</b>	<b>Unable to Comment</b>
11. Information was made available to me about additional educational opportunities (e.g. residencies, fellowships, graduate school).	<b>49.6% (699)</b>	40.0% (564)	6.6% (93)	2.9% (41)	0.9% (12)
12. Elective didactic courses permitted exploration of and/or advanced study in areas of professional interest.	<b>47.8% (673)</b>	42.2% (594)	7.5% (105)	2.2% (31)	0.4% (6)
13. My pharmacy practice experiences were of high quality.	<b>52.1% (734)</b>	41.2% (580)	4.4% (62)	1.8% (26)	0.5% (7)

## Section II: Curriculum

### The Pharm.D. Program prepared me to...

#### Domain 1: Foundational Knowledge

	<b>Strongly Agree</b>	<b>Agree</b>	<b>Disagree</b>	<b>Strongly Disagree</b>	<b>Unable to Comment</b>
14. Apply knowledge from the foundational pharmaceutical and biomedical sciences to the provision of patient care.	45.4% (640)	<b>50.0% (704)</b>	3.1% (43)	0.9% (13)	0.6% (9)
15. Apply knowledge from the clinical sciences to the provision of patient care.	<b>51.8% (730)</b>	44.6% (629)	1.9% (27)	0.9% (12)	0.8% (11)
16. Evaluate scientific literature.	<b>47.1% (663)</b>	45.0% (634)	5.9% (83)	1.6% (22)	0.5% (7)

**Domain 2: Essentials for Practice**

	<b>Strongly Agree</b>	<b>Agree</b>	<b>Disagree</b>	<b>Strongly Disagree</b>	<b>Unable to Comment</b>
17. Provide medication expertise as part of patient-centered care.	<b>55.2% (778)</b>	41.5% (585)	1.8% (26)	0.7% (10)	0.7% (10)
18. Optimize the safety and efficacy of medication use systems (e.g., dispensing, administration, effects monitoring) to manage patient healthcare needs.	<b>50.2% (708)</b>	44.9% (632)	3.2% (45)	0.9% (13)	0.8% (11)
19. Design strategies to manage chronic disease and improve health and wellness.	<b>52.2% (736)</b>	43.8% (617)	2.1% (29)	0.9% (12)	1.1% (15)
20. Assess the health needs of a given patient population.	46.4% (654)	<b>48.5% (684)</b>	3.1% (43)	0.9% (12)	1.1% (16)
21. Provide patient-centered care based on evidence-based best practices.	<b>57.8% (814)</b>	39.2% (553)	1.5% (21)	0.8% (11)	0.7% (10)

**Domain 3: Approach to Practice and Care**

	<b>Strongly Agree</b>	<b>Agree</b>	<b>Disagree</b>	<b>Strongly Disagree</b>	<b>Unable to Comment</b>
22. Design, implement and evaluate viable solutions to patient care problems.	<b>48.2% (679)</b>	47.4% (668)	2.8% (39)	0.9% (12)	0.8% (11)
23. Use effective strategies to educate patients, healthcare professionals and caregivers to improve patient care.	<b>54.2% (764)</b>	42.1% (593)	2.2% (31)	0.8% (11)	0.7% (10)
24. Advocate for the patient's best interest.	<b>55.0% (775)</b>	40.5% (570)	2.7% (38)	1.0% (14)	0.9% (12)
25. Engage as a member of an interprofessional healthcare team.	<b>56.8% (801)</b>	38.0% (535)	3.2% (45)	1.1% (16)	0.9% (12)
26. Identify cultural disparities in healthcare.	43.8% (617)	<b>44.5% (627)</b>	8.4% (119)	1.6% (23)	1.6% (23)
27. Recognize and address cultural disparities in access to and delivery of healthcare.	<b>43.9% (618)</b>	42.4% (597)	9.9% (140)	1.6% (23)	2.2% (31)
28. Effectively communicate (verbal, non-verbal, written) when interacting with individuals, groups and organizations.	<b>54.1% (762)</b>	41.9% (591)	2.3% (32)	1.1% (16)	0.6% (8)

**Domain 4: Personal and Professional Development**

	<b>Strongly Agree</b>	<b>Agree</b>	<b>Disagree</b>	<b>Strongly Disagree</b>	<b>Unable to Comment</b>
29. Examine and reflect on how my behavior and choices affect my personal and professional growth.	<b>51.0%</b> <b>(718)</b>	41.0% (577)	5.5% (77)	1.4% (20)	1.2% (17)
30. Accept responsibility for creating and achieving shared goals.	<b>54.1%</b> <b>(762)</b>	41.2% (580)	2.8% (40)	0.9% (12)	1.1% (15)
31. Develop new ideas and approaches to practice.	43.4% (612)	<b>45.0%</b> <b>(634)</b>	8.6% (121)	1.5% (21)	1.5% (21)
32. Act in a manner consistent with the trust given to pharmacists by patients, other healthcare providers and society.	<b>59.8%</b> <b>(842)</b>	37.4% (527)	1.1% (15)	1.1% (15)	0.7% (10)

**Section III: General Impressions**

Please indicate the degree to which you agree or disagree with each statement.

	<b>Strongly Agree</b>	<b>Agree</b>	<b>Disagree</b>	<b>Strongly Disagree</b>	<b>Unable to Comment</b>
33. If I were starting my education over today, I would choose pharmacy as a career.	25.5% (359)	<b>34.4%</b> <b>(484)</b>	23.6% (332)	12.8% (181)	3.8% (53)
34. If I were starting my education over today, I would choose the same college/school of pharmacy.	<b>53.8%</b> <b>(758)</b>	32.2% (454)	6.0% (85)	5.2% (73)	2.8% (39)
35. I received a high quality pharmacy education.	<b>59.3%</b> <b>(836)</b>	34.3% (483)	3.4% (48)	1.8% (25)	1.2% (17)

Question 36 is an open-ended comment question and not included in this report

## Section IV: Demographic Questions

### 37. Year of Graduation:

	Response Percent	Response Total
2020	28.9%	407
2019	31.8%	448
2018	19.7%	277
2017	11.4%	161
2016	8.2%	116

### 38. Please check the option below that best describes the learning environment in which you were enrolled:

	Response Percent	Response Total
Main campus	90.1%	1269
Distance/Satellite/Branch campus (enter city, state)	9.9%	139
Web-based program	0.1%	1

### 39. In addition to receiving your Pharm.D. degree, have you completed or are you currently pursuing any type of postgraduate education/training?

	Response Percent	Response Total
Yes	43.9%	618
No	56.1%	791

### 40. If the answer to Question #39 above is "Yes"; please check all that apply.

	Response Percent	Response Total
Master's; please specify type:	N/A	126
Other Professional Doctorate (JD, M.D., D.D.S.)	N/A	9
Ph.D.	N/A	15
Residency in Pharmacy Practice (any type)	N/A	466
Specialty Residency (e.g., Drug Information, Pediatric, Primary care)	N/A	199
Fellowship	N/A	66
Other; please specify type:	N/A	35

### 41. What is your level of involvement with the school or college?

	Response Percent	Response Total
None	29.4%	414
Minimal	44.2%	623
Moderate	20.6%	290
Heavy	5.8%	82

### 42. To what extent are you employed in pharmacy? (Check all that apply)

	Response Percent	Response Total
Part-time	N/A	149
Full time (35 hrs & above)	N/A	1167
Not currently practicing	N/A	75
No longer in pharmacy profession	N/A	22
Student (post graduate education/training)	N/A	63

**43. In which state are you primarily practicing?\***

	<b>Response Percent</b>	<b>Response Total</b>
NOT APPLICABLE	5.4%	75
Alabama (AL)	0.3%	4
Alaska (AK)	0.3%	4
American Samoa	0%	0
Arizona (AZ)	3.0%	41
Arkansas (AR)	0.2%	3
California (CA)	3.7%	51
Colorado (CO)	0.9%	12
Connecticut (CT)	0.3%	4
Delaware (DE)	0.1%	1
Dist. of Columbia (DC)	0.4%	5
Florida (FL)	2.5%	34
Georgia (GA)	2.5%	35
Guam	0.2%	3
Hawaii (HI)	1.9%	27
Idaho (ID)	0.6%	9
Illinois (IL)	9.6%	133
Indiana (IN)	3.5%	48
Iowa (IA)	2.7%	37
Kansas (KS)	0.6%	8
Kentucky (KY)	0.9%	12
Louisiana (LA)	0.4%	5
Maine (ME)	0.1%	1
Maryland (MD)	0.7%	10
Massachusetts (MA)	0.8%	11
Michigan (MI)	2.1%	29
Midway Islands	0%	0
Minnesota (MN)	5.2%	72
Mississippi (MS)	0.2%	3
Missouri (MO)	3.3%	46
Montana (MT)	0.1%	1
Nebraska (NE)	0.9%	13
Nevada (NV)	0.5%	7
New Hampshire (NH)	0%	0
New Jersey (NJ)	0.4%	6
New Mexico (NM)	0.4%	5
New York (NY)	0.6%	9
North Carolina (NC)	3.7%	51
North Dakota (ND)	1.2%	16
Ohio (OH)	1.2%	16
Oklahoma (OK)	0.3%	4
Oregon (OR)	1.9%	27
Pennsylvania (PA)	2.2%	30
Puerto Rico	0.1%	1
Rhode Island (RI)	0.2%	3
South Carolina (SC)	9.0%	125
South Dakota (SD)	0.4%	5
Tennessee (TN)	4.2%	58
Texas (TX)	13.1%	182
Utah (UT)	0.6%	8
Vermont (VT)	0.1%	2
Virgin Islands	0%	0
Virginia (VA)	1.1%	15
Wake Islands	0%	0
Washington (WA)	3.4%	47
West Virginia (WV)	0.6%	9
Wisconsin (WI)	1.6%	22
Wyoming (WY)	0.1%	2

**44. In what type of setting are you primarily practicing or employed?**

	<b>Response Percent</b>	<b>Response Total</b>
Chain community pharmacy	N/A	434
Independent community pharmacy	N/A	115
Hospital	N/A	517
Clinic-based pharmacy	N/A	169
Consultant	N/A	33
Home care	N/A	11
Nursing home/Long-term care facility	N/A	29
Academia	N/A	72
Association management	N/A	7
Pharmaceutical industry	N/A	67
Managed care	N/A	49
Government or regulatory agency	N/A	42
Other Pharmacy Related Field; please specify:	N/A	93
Non-Pharmacy related field; please specify:	N/A	16
Not currently employed	N/A	30

**45. In which pharmacy organizations are you currently a member? (Check all that apply)**

	<b>Response Percent</b>	<b>Response Total</b>
APhA	N/A	403
ASHP	N/A	378
AMCP	N/A	45
AACP	N/A	30
ACCP	N/A	169
ASCP	N/A	5
NCPA	N/A	41
State Pharmacy Association	N/A	358
Other; please specify:	N/A	168
None	N/A	536

**46. In the pharmacy organization with which you are most engaged, how would you assess your level of involvement?**

	<b>Response Percent</b>	<b>Response Total</b>
Minimal (occasionally attend meetings)	73.2%	639
Moderate (regularly attend meetings, occasionally serve on committees)	18.1%	158
Heavy (regularly serve on committees and/or serve as an officer)	8.7%	76

**47. Are you currently serving, or have you served in the past as a preceptor for any pharmacy students?**

	<b>Response Percent</b>	<b>Response Total</b>
Yes	42.5%	599
No	57.5%	810

**48(a). How do you describe yourself?**

	<b>Response Percent</b>	<b>Response Total</b>
Female	61.7%	869
Trans Female/Trans Woman	0.1%	1
Male	34.2%	482
Trans Male/Trans Man	0%	0
Different Identity; please specify:	0.1%	2
Prefer not to disclose	3.9%	55

**48(b). Do you consider yourself to be:**

	<b>Response Percent</b>	<b>Response Total</b>
Heterosexual or Straight	86.6%	1220
Gay or Lesbian	3.6%	51
Bisexual	2.5%	35
Not listed above; please specify:	0.7%	10
Prefer not to disclose	6.6%	93