

# American Association of Colleges of Pharmacy Alumni Survey

## 2023 Public School Summary Report

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Total number of schools: 37  
 Total number of responses: 1,079  
 Response Rate: 8.4%

### **Section I: Development/Communication**

**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>
1. The college/school communicates effectively with alumni about college/school activities.	29.6% (319)	<b>51.8%</b> <b>(559)</b>	9.9% (107)	3.9% (42)	4.8% (52)
2. The current Dean is providing leadership in pharmacy.	32.2% (347)	<b>36.0%</b> <b>(388)</b>	5.2% (56)	2.8% (30)	23.9% (258)
3. The current Dean encourages alumni to stay involved.	27.2% (293)	<b>36.4%</b> <b>(393)</b>	12.1% (131)	3.9% (42)	20.4% (220)

### **When I was a student...**

	<b>Strongly Agree</b>	<b>Agree</b>	<b>Disagree</b>	<b>Strongly Disagree</b>	<b>Unable to Comment</b>
4. The faculty displayed respect for their colleagues and students.	<b>48.5%</b> <b>(523)</b>	43.4% (468)	4.7% (51)	3.0% (32)	0.5% (5)
5. Faculty, administrators and staff served as positive role models for students.	<b>51.5%</b> <b>(556)</b>	40.8% (440)	4.2% (45)	2.6% (28)	0.9% (10)
6. I knew what the program outcomes were.	<b>48.1%</b> <b>(519)</b>	43.9% (474)	5.6% (60)	1.9% (20)	0.6% (6)
7. The curriculum provided opportunities to engage in active learning (e.g., laboratories, recitations, student portfolios, problem-based learning).	<b>60.0%</b> <b>(647)</b>	35.3% (381)	2.7% (29)	1.5% (16)	0.6% (6)
8. I was encouraged to assume responsibility for my own learning.	<b>61.9%</b> <b>(668)</b>	35.0% (378)	1.7% (18)	1.1% (12)	0.3% (3)
9. I was academically prepared to enter my advanced pharmacy practice experiences.	<b>52.0%</b> <b>(561)</b>	38.6% (417)	5.8% (63)	2.9% (31)	0.6% (7)
10. The curriculum prepared me to enter my first pharmacy job.	<b>44.5%</b> <b>(480)</b>	40.2% (434)	8.9% (96)	4.2% (45)	2.2% (24)
11. Information was made available to me about additional educational opportunities (e.g. residencies, fellowships, graduate school).	<b>48.2%</b> <b>(520)</b>	40.8% (440)	7.3% (79)	2.9% (31)	0.8% (9)

	<b>Strongly Agree</b>	<b>Agree</b>	<b>Disagree</b>	<b>Strongly Disagree</b>	<b>Unable to Comment</b>
12. Elective didactic courses permitted exploration of and/or advanced study in areas of professional interest.	<b>44.4% (479)</b>	43.7% (472)	7.0% (76)	3.8% (41)	1.0% (11)
13. My pharmacy practice experiences were of high quality.	<b>51.5% (556)</b>	39.4% (425)	6.3% (68)	2.3% (25)	0.5% (5)

**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.	45.3% (489)	<b>47.0% (507)</b>	5.1% (55)	1.7% (18)	0.9% (10)
15. Apply knowledge from the clinical sciences to the provision of patient care.	<b>49.7% (536)</b>	44.3% (478)	3.3% (36)	1.9% (21)	0.7% (8)
16. Evaluate scientific literature.	<b>47.2% (509)</b>	43.5% (469)	6.7% (72)	2.0% (22)	0.6% (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>55.1% (595)</b>	39.3% (424)	3.3% (36)	1.4% (15)	0.8% (9)
18. Optimize the safety and efficacy of medication use systems (e.g., dispensing, administration, effects monitoring) to manage patient healthcare needs.	<b>49.9% (538)</b>	41.9% (452)	5.4% (58)	1.9% (20)	1.0% (11)
19. Design strategies to manage chronic disease and improve health and wellness.	<b>51.7% (558)</b>	41.6% (449)	4.0% (43)	1.4% (15)	1.3% (14)
20. Assess the health needs of a given patient population.	<b>46.3% (500)</b>	45.5% (491)	5.4% (58)	1.5% (16)	1.3% (14)
21. Provide patient-centered care based on evidence-based best practices.	<b>56.0% (604)</b>	38.6% (417)	3.2% (35)	1.3% (14)	0.8% (9)

**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>48.0% (518)</b>	44.9% (484)	4.2% (45)	1.9% (20)	1.1% (12)
23. Use effective strategies to educate patients, healthcare professionals and caregivers to improve patient care.	<b>54.7% (590)</b>	39.1% (422)	3.4% (37)	1.8% (19)	1.0% (11)
24. Advocate for the patient's best interest.	<b>55.0% (593)</b>	37.6% (406)	4.6% (50)	1.7% (18)	1.1% (12)
25. Engage as a member of an interprofessional healthcare team.	<b>55.7% (601)</b>	37.0% (399)	4.5% (49)	1.7% (18)	1.1% (12)
26. Identify cultural disparities in healthcare.	<b>45.3% (489)</b>	43.4% (468)	7.5% (81)	2.1% (23)	1.7% (18)
27. Recognize and address cultural disparities in access to and delivery of healthcare.	<b>44.5% (480)</b>	42.8% (462)	8.7% (94)	2.1% (23)	1.9% (20)
28. Effectively communicate (verbal, non-verbal, written) when interacting with individuals, groups and organizations.	<b>53.7% (579)</b>	39.8% (429)	4.0% (43)	1.8% (19)	0.8% (9)

**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>50.0%</b> <b>(540)</b>	40.6% (438)	5.8% (63)	2.6% (28)	0.9% (10)
30. Accept responsibility for creating and achieving shared goals.	<b>52.4%</b> <b>(565)</b>	40.6% (438)	3.9% (42)	2.3% (25)	0.8% (9)
31. Develop new ideas and approaches to practice.	41.3% (446)	<b>43.8%</b> <b>(473)</b>	10.4% (112)	3.1% (33)	1.4% (15)
32. Act in a manner consistent with the trust given to pharmacists by patients, other healthcare providers and society.	<b>56.6%</b> <b>(611)</b>	38.4% (414)	2.7% (29)	1.7% (18)	0.6% (7)

**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.	26.7% (288)	<b>36.5%</b> <b>(394)</b>	21.6% (233)	12.0% (129)	3.2% (35)
34. If I were starting my education over today, I would choose the same college/school of pharmacy.	<b>49.8%</b> <b>(537)</b>	32.2% (347)	7.5% (81)	8.0% (86)	2.6% (28)
35. I received a high quality pharmacy education.	<b>55.8%</b> <b>(602)</b>	34.4% (371)	5.9% (64)	2.9% (31)	1.0% (11)

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

**Section IV: Demographic Questions**

**37. Year of Graduation:**

	<b>Response Percent</b>	<b>Response Total</b>
<b>2022</b>	28.6%	309
<b>2021</b>	25.7%	277
<b>2020</b>	22.1%	238
<b>2019</b>	12.2%	132
<b>2018</b>	11.4%	123

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

	<b>Response Percent</b>	<b>Response Total</b>
<b>Main campus</b>	91.0%	982
<b>Distance/Satellite/Branch campus (enter city, state)</b>	8.9%	96
<b>Web-based program</b>	0.1%	1

**38(a). Did you apply for governmental (state or federal) student loan repayment programs?**

	<b>Response Percent</b>	<b>Response Total</b>
<b>Yes</b>	60.1%	648
<b>No</b>	39.9%	431

**38(b). Did you receive governmental (state or federal) student loan repayment programs?**

	<b>Response Percent</b>	<b>Response Total</b>
<b>Yes</b>	52.7%	569
<b>No</b>	47.3%	510

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

	<b>Response Percent</b>	<b>Response Total</b>
<b>Yes</b>	46.5%	502
<b>No</b>	53.5%	577

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

	<b>Response Percent</b>	<b>Response Total</b>
<b>Master's; please specify type:</b>	N/A	85
<b>Other Professional Doctorate (JD, M.D., D.D.S.)</b>	N/A	9
<b>Ph.D.</b>	N/A	16
<b>Residency in Pharmacy Practice (any type)</b>	N/A	371
<b>Specialty Residency (e.g., Drug Information, Pediatric, Primary care)</b>	N/A	137
<b>Fellowship</b>	N/A	51
<b>Other</b>	N/A	18

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

	<b>Response Percent</b>	<b>Response Total</b>
<b>None</b>	34.9%	377
<b>Minimal</b>	40.7%	439
<b>Moderate</b>	17.6%	190
<b>Heavy</b>	6.8%	73

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

	<b>Response Percent</b>	<b>Response Total</b>
<b>Part-time</b>	N/A	79
<b>Full time (35 hrs and above)</b>	N/A	916
<b>Not currently practicing</b>	N/A	57
<b>No longer in pharmacy profession</b>	N/A	18
<b>Student (post graduate education/training)</b>	N/A	85

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

	<b>Response Percent</b>	<b>Response Total</b>
<b>NOT APPLICABLE</b>	5.7%	61
<b>Alabama (AL)</b>	0.1%	1
<b>Alaska (AK)</b>	0.4%	4
<b>American Samoa</b>	0%	0
<b>Arizona (AZ)</b>	3.6%	38
<b>Arkansas (AR)</b>	0.2%	2
<b>California (CA)</b>	5.0%	53
<b>Colorado (CO)</b>	1.1%	12
<b>Connecticut (CT)</b>	0.6%	6
<b>Delaware (DE)</b>	0.1%	1
<b>Dist. of Columbia (DC)</b>	0.1%	1
<b>Florida (FL)</b>	1.6%	17
<b>Georgia (GA)</b>	2.2%	23
<b>Guam</b>	0%	0
<b>Hawaii (HI)</b>	0%	0
<b>Idaho (ID)</b>	1.0%	11
<b>Illinois (IL)</b>	9.4%	100
<b>Indiana (IN)</b>	0.8%	9
<b>Iowa (IA)</b>	0.8%	8
<b>Kansas (KS)</b>	2.0%	21
<b>Kentucky (KY)</b>	1.4%	15
<b>Louisiana (LA)</b>	1.1%	12
<b>Maine (ME)</b>	0.1%	1
<b>Maryland (MD)</b>	2.0%	21
<b>Massachusetts (MA)</b>	0.8%	9
<b>Michigan (MI)</b>	1.1%	12
<b>Midway Islands</b>	0%	0
<b>Minnesota (MN)</b>	3.8%	40
<b>Mississippi (MS)</b>	0.1%	1
<b>Missouri (MO)</b>	2.0%	21
<b>Montana (MT)</b>	4.9%	52
<b>Nebraska (NE)</b>	0.3%	3
<b>Nevada (NV)</b>	0.6%	6
<b>New Hampshire (NH)</b>	0%	0
<b>New Jersey (NJ)</b>	2.5%	27
<b>New Mexico (NM)</b>	2.3%	24
<b>New York (NY)</b>	3.6%	38
<b>North Carolina (NC)</b>	3.5%	37
<b>North Dakota (ND)</b>	1.7%	18
<b>Ohio (OH)</b>	5.4%	57
<b>Oklahoma (OK)</b>	0.2%	2
<b>Oregon (OR)</b>	1.9%	20
<b>Pennsylvania (PA)</b>	2.5%	27
<b>Puerto Rico</b>	1.3%	14
<b>Rhode Island (RI)</b>	0.1%	1
<b>South Carolina (SC)</b>	0.5%	5
<b>South Dakota (SD)</b>	0.7%	7
<b>Tennessee (TN)</b>	2.5%	26
<b>Texas (TX)</b>	10.6%	112
<b>Utah (UT)</b>	0.7%	7
<b>Vermont (VT)</b>	0.1%	1
<b>Virgin Islands</b>	0%	0
<b>Virginia (VA)</b>	0.8%	9
<b>Wake Islands</b>	0%	0
<b>Washington (WA)</b>	1.4%	15
<b>West Virginia (WV)</b>	2.1%	22
<b>Wisconsin (WI)</b>	2.4%	25
<b>Wyoming (WY)</b>	0.6%	6



**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	265
Independent community pharmacy	N/A	94
Hospital	N/A	450
Clinic-based pharmacy	N/A	137
Consultant	N/A	32
Home care	N/A	6
Nursing home/Long-term care facility	N/A	21
Academia	N/A	49
Association management	N/A	1
Pharmaceutical industry	N/A	66
Managed care	N/A	26
Government or regulatory agency	N/A	46
Other Pharmacy Related Field	N/A	82
Non-Pharmacy related field	N/A	7
Not currently employed	N/A	32

**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	289
ASHP	N/A	274
AMCP	N/A	29
AACP	N/A	18
ACCP	N/A	93
ASCP	N/A	9
NCPA	N/A	31
State Pharmacy Association	N/A	215
Other	N/A	109
None	N/A	467

**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)	73.5%	450
Moderate (regularly attend meetings, occasionally serve on committees)	17.6%	108
Heavy (regularly serve on committees and/or serve as an officer)	8.8%	54

**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	46.2%	498
No	53.8%	581

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

	<b>Response Percent</b>	<b>Response Total</b>
<b>Female</b>	59.2%	627
<b>Trans Female/Trans Woman</b>	0.1%	1
<b>Male</b>	35.4%	375
<b>Trans Male/Trans Man</b>	0.1%	1
<b>Other not listed above</b>	0.4%	4
<b>Prefer not to disclose</b>	4.8%	51

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

	<b>Response Percent</b>	<b>Response Total</b>
<b>Heterosexual or Straight</b>	85.8%	903
<b>Gay or Lesbian</b>	2.9%	31
<b>Bisexual</b>	2.9%	30
<b>Other not listed above</b>	1.1%	12
<b>Prefer not to disclose</b>	7.2%	76

**49. Are you of Hispanic, Latino, or Spanish origin?**

	<b>Response Percent</b>	<b>Response Total</b>
<b>No, not of Hispanic, Latino, or Spanish origin</b>	85.2%	899
<b>Yes, Mexican, Mexican American, Chicano</b>	4.5%	47
<b>Yes, Puerto Rican</b>	1.9%	20
<b>Yes, Cuban</b>	0.4%	4
<b>Yes, another Hispanic, Latino, or Spanish Origin</b>	1.6%	17
<b>Prefer not to disclose</b>	6.4%	68

**50. I identify as (check all that apply):**

	<b>Response Percent<sup>a</sup></b>	<b>Response Total</b>
<b>American Indian or Alaska Native</b>	1.0%	10
<b>Asian</b>	20.2%	211
<b>Black or African American</b>	5.8%	61
<b>Middle Eastern or North African</b>	3.4%	36
<b>Native Hawaiian or Other Pacific Islander</b>	0.3%	3
<b>White</b>	62.6%	655
<b>Other not listed above</b>	1.8%	19
<b>Prefer not to disclose</b>	8.3%	87

a. Respondents were able to select multiple options; therefore, percentages do not represent mutually exclusive answer choices and may not total to 100%.

**51. When you were a student, did you identify as a first-generation student?**

	<b>Response Percent</b>	<b>Response Total</b>
<b>Yes, neither of my parents completed a college/university degree</b>	31.4%	330
<b>No</b>	63.9%	672
<b>Prefer not to disclose</b>	4.8%	50

**52. Which is the language you know best?**

	<b>Response Percent</b>	<b>Response Total</b>
<b>English</b>	90.0%	947
<b>Other</b>	6.0%	63
<b>Prefer not to disclose</b>	4.0%	42

**53. How would you describe your English Language Proficiency?**

	<b>Response Percent</b>	<b>Response Total</b>
<b>Native</b>	78.1%	822
<b>Advanced</b>	15.7%	165
<b>Intermediate</b>	2.2%	23
<b>Beginner</b>	0%	0
<b>Prefer not to disclose</b>	4.0%	42