

# American Association of Colleges of Pharmacy Alumni Survey

## 2019 Public School Summary Report

September 2019

© 2019 American Association of Colleges of Pharmacy.

## 2019 Alumni Survey Public School Summary Report

Total number of schools: 30  
Total number of responses: 1,048  
Response Rate: 9.6%

### 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.	28.2% (296)	<b>54.9%</b> <b>(575)</b>	10.5% (110)	3.1% (33)	3.2% (34)
2. The current Dean is providing leadership in pharmacy.	30.0% (314)	<b>33.1%</b> <b>(347)</b>	6.9% (72)	3.5% (37)	26.5% (278)
3. The current Dean encourages alumni to stay involved.	23.3% (244)	<b>36.6%</b> <b>(384)</b>	13.2% (138)	4.6% (48)	22.3% (234)

### 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>45.5%</b> <b>(477)</b>	45.3% (475)	4.8% (50)	3.4% (36)	1.0% (10)
5. Faculty, administrators and staff served as positive role models for students.	<b>49.4%</b> <b>(518)</b>	41.9% (439)	5.2% (54)	2.8% (29)	0.8% (8)
6. I knew what the program outcomes were.	44.4% (465)	<b>47.2%</b> <b>(495)</b>	6.0% (63)	1.8% (19)	0.6% (6)
7. The curriculum provided opportunities to engage in active learning (e.g., laboratories, recitations, student portfolios, problem-based learning).	<b>52.8%</b> <b>(553)</b>	43.0% (451)	2.2% (23)	1.7% (18)	0.3% (3)
8. I was encouraged to assume responsibility for my own learning.	<b>56.9%</b> <b>(596)</b>	39.8% (417)	2.0% (21)	1.1% (12)	0.2% (2)
9. I was academically prepared to enter my advanced pharmacy practice experiences.	<b>48.9%</b> <b>(512)</b>	42.7% (447)	5.0% (52)	3.0% (31)	0.6% (6)
10. The curriculum prepared me to enter my first pharmacy job.	<b>42.5%</b> <b>(445)</b>	<b>42.5%</b> <b>(445)</b>	8.5% (89)	4.2% (44)	2.4% (25)

	<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>46.0%</b> <b>(482)</b>	42.1% (441)	8.4% (88)	2.8% (29)	0.8% (8)
12. Elective didactic courses permitted exploration of and/or advanced study in areas of professional interest.	41.1% (431)	<b>43.8%</b> <b>(459)</b>	9.8% (103)	3.7% (39)	1.5% (16)
13. My pharmacy practice experiences were of high quality.	<b>46.8%</b> <b>(490)</b>	43.4% (455)	5.9% (62)	3.0% (31)	1.0% (10)

## 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.	42.9% (450)	<b>51.1%</b> <b>(536)</b>	3.8% (40)	1.5% (16)	0.6% (6)
15. Apply knowledge from the clinical sciences to the provision of patient care.	<b>49.9%</b> <b>(523)</b>	45.1% (473)	2.6% (27)	1.8% (19)	0.6% (6)
16. Evaluate scientific literature.	39.9% (418)	<b>49.8%</b> <b>(522)</b>	7.3% (76)	2.2% (23)	0.9% (9)

**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>51.1%</b> (536)	44.2% (463)	3.0% (31)	1.2% (13)	0.5% (5)
18. Optimize the safety and efficacy of medication use systems (e.g., dispensing, administration, effects monitoring) to manage patient healthcare needs.	45.2% (474)	<b>48.7%</b> (510)	3.4% (36)	2.1% (22)	0.6% (6)
19. Design strategies to manage chronic disease and improve health and wellness.	<b>47.1%</b> (494)	<b>47.1%</b> (494)	3.8% (40)	1.1% (12)	0.8% (8)
20. Assess the health needs of a given patient population.	43.6% (457)	<b>49.8%</b> (522)	4.3% (45)	1.5% (16)	0.8% (8)
21. Provide patient-centered care based on evidence-based best practices.	<b>52.4%</b> (549)	43.5% (456)	2.2% (23)	1.3% (14)	0.6% (6)

**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.	43.3% (454)	<b>51.3%</b> (538)	3.3% (35)	1.0% (11)	1.0% (10)
23. Use effective strategies to educate patients, healthcare professionals and caregivers to improve patient care.	<b>49.0%</b> (514)	46.6% (488)	2.8% (29)	1.1% (12)	0.5% (5)
24. Advocate for the patient's best interest.	<b>48.1%</b> (504)	46.1% (483)	4.0% (42)	1.2% (13)	0.6% (6)
25. Engage as a member of an interprofessional healthcare team.	<b>49.4%</b> (518)	44.4% (465)	3.6% (38)	1.7% (18)	0.9% (9)
26. Identify cultural disparities in healthcare.	39.6% (415)	<b>49.1%</b> (515)	7.8% (82)	2.1% (22)	1.3% (14)
27. Recognize and address cultural disparities in access to and delivery of healthcare.	38.1% (399)	<b>50.0%</b> (524)	8.4% (88)	2.2% (23)	1.3% (14)
28. Effectively communicate (verbal, non-verbal, written) when interacting with individuals, groups and organizations.	<b>49.3%</b> (517)	44.8% (469)	3.6% (38)	1.6% (17)	0.7% (7)

**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>46.3%</b> <b>(485)</b>	44.8% (470)	5.7% (60)	2.1% (22)	1.0% (11)
30. Accept responsibility for creating and achieving shared goals.	<b>47.0%</b> <b>(493)</b>	46.3% (485)	3.6% (38)	2.1% (22)	1.0% (10)
31. Develop new ideas and approaches to practice.	37.8% (396)	<b>49.7%</b> <b>(521)</b>	7.6% (80)	3.3% (35)	1.5% (16)
32. Act in a manner consistent with the trust given to pharmacists by patients, other healthcare providers and society.	<b>54.4%</b> <b>(570)</b>	41.9% (439)	1.1% (12)	1.7% (18)	0.9% (9)

### 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.	26.3% (276)	<b>35.9%</b> <b>(376)</b>	21.2% (222)	13.3% (139)	3.3% (35)
34. If I were starting my education over today, I would choose the same college/school of pharmacy.	<b>50.9%</b> <b>(533)</b>	33.4% (350)	7.0% (73)	6.0% (63)	2.8% (29)
35. I received a high quality pharmacy education.	<b>54.4%</b> <b>(570)</b>	36.2% (379)	5.4% (57)	2.3% (24)	1.7% (18)

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
2018	30.5%	320
2017	30.0%	314
2016	21.0%	220
2015	10.7%	112
2014	7.8%	82

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

	Response Percent	Response Total
Main campus	91.3%	957
Distance/Satellite/Branch campus (enter city, state)	8.2%	86
Web-based program	0.5%	5

### 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	43.7%	458
No	56.3%	590

### 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	95
Other Professional Doctorate (JD, M.D., D.D.S.)	N/A	18
Ph.D.	N/A	16
Residency in Pharmacy Practice (any type)	N/A	326
Specialty Residency (e.g., Drug Information, Pediatric, Primary care)	N/A	123
Fellowship	N/A	43
Other; please specify type:	N/A	34

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

	Response Percent	Response Total
None	31.6%	331
Minimal	42.9%	450
Moderate	19.4%	203
Heavy	6.1%	64

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

	Response Percent	Response Total
Part-time	N/A	97
Full time (35 hrs & above)	N/A	834
Not currently practicing	N/A	83
No longer in pharmacy profession	N/A	18
Student (post graduate education/training)	N/A	59

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

	<b>Response Percent</b>	<b>Response Total</b>
NOT APPLICABLE	6.9%	71
Alabama (AL)	0.6%	6
Alaska (AK)	0.1%	1
American Samoa	0%	0
Arizona (AZ)	1.3%	13
Arkansas (AR)	1.5%	15
California (CA)	6.0%	62
Colorado (CO)	1.1%	11
Connecticut (CT)	1.0%	10
Delaware (DE)	0.1%	1
Dist. of Columbia (DC)	0.4%	4
Florida (FL)	1.7%	17
Georgia (GA)	0.9%	9
Guam	0%	0
Hawaii (HI)	3.2%	33
Idaho (ID)	1.1%	11
Illinois (IL)	0.9%	9
Indiana (IN)	0.3%	3
Iowa (IA)	0.2%	2
Kansas (KS)	0.2%	2
Kentucky (KY)	0.6%	6
Louisiana (LA)	1.9%	20
Maine (ME)	0.2%	2
Maryland (MD)	4.0%	41
Massachusetts (MA)	0.7%	7
Michigan (MI)	0.5%	5
Midway Islands	0%	0
Minnesota (MN)	8.3%	86
Mississippi (MS)	1.6%	16
Missouri (MO)	0.6%	6
Montana (MT)	0.2%	2
Nebraska (NE)	0.3%	3
Nevada (NV)	0.4%	4
New Hampshire (NH)	0.1%	1
New Jersey (NJ)	3.4%	35
New Mexico (NM)	0.5%	5
New York (NY)	2.5%	26
North Carolina (NC)	1.5%	15
North Dakota (ND)	1.7%	18
Ohio (OH)	2.0%	21
Oklahoma (OK)	4.7%	48
Oregon (OR)	6.4%	66
Pennsylvania (PA)	3.4%	35
Puerto Rico	0.8%	8
Rhode Island (RI)	0.3%	3
South Carolina (SC)	0.3%	3
South Dakota (SD)	1.3%	13
Tennessee (TN)	6.2%	64
Texas (TX)	9.8%	101
Utah (UT)	0.8%	8
Vermont (VT)	0.1%	1
Virgin Islands	0%	0
Virginia (VA)	0.7%	7
Wake Islands	0%	0
Washington (WA)	3.7%	38
West Virginia (WV)	1.7%	17
Wisconsin (WI)	0.8%	8
Wyoming (WY)	1.1%	11

**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	310
Independent community pharmacy	N/A	116
Hospital	N/A	367
Clinic-based pharmacy	N/A	123
Consultant	N/A	23
Home care	N/A	9
Nursing home/Long-term care facility	N/A	32
Academia	N/A	71
Association management	N/A	2
Pharmaceutical industry	N/A	20
Managed care	N/A	31
Government or regulatory agency	N/A	38
Other Pharmacy Related Field; please specify:	N/A	65
Non-Pharmacy related field; please specify:	N/A	8
Not currently employed	N/A	55

**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	301
ASHP	N/A	295
AMCP	N/A	23
AACP	N/A	35
ACCP	N/A	117
ASCP	N/A	11
NCPA	N/A	35
State Pharmacy Association	N/A	305
Other; please specify:	N/A	95
None	N/A	407

**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)	72.9%	467
Moderate (regularly attend meetings, occasionally serve on committees)	18.9%	121
Heavy (regularly serve on committees and/or serve as an officer)	8.3%	53

**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	44.0%	461
No	56.0%	587



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

	<b>Response Percent</b>	<b>Response Total</b>
Female	56.9%	596
Trans Female/Trans Woman	0%	0
Male	37.9%	397
Trans Male/Trans Man	0.1%	1
Different Identity; please specify:	0.3%	3
Prefer not to disclose	4.9%	51

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

	<b>Response Percent</b>	<b>Response Total</b>
Heterosexual or Straight	86.5%	906
Gay or Lesbian	3.8%	40
Bisexual	1.7%	18
Not listed above; please specify:	0.6%	6
Prefer not to disclose	7.4%	78