

American Association of  
**Colleges of Pharmacy**  
*Discover • Learn • Care • Improve Health*

**AAACP**



# American Association of Colleges of Pharmacy Alumni Survey

## 2016 Public School Summary Report

September 2016

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## 2016 Alumni Survey Public School Summary Report

Total number of schools: 26  
Total number of responses: 1,295  
Response Rate: 11.0%

### Section I: Demographic Questions

#### 1. Year of Graduation:

	Response Percent	Response Total
2015	25.6%	331
2014	23.9%	309
2013	23.2%	300
2012	14.1%	182
2011	13.4%	173

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

	Response Percent	Response Total
Main campus	82.5%	1069
Distance/Satellite/Branch campus (enter city, state)	14.9%	193
Web-based program	2.5%	33

#### 3. 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	39.3%	509
No	60.7%	786

#### 4. If the answer to Question #3 above is "Yes"; please check all that apply.

	Response Percent	Response Total
Master's; please specify type:	N/A	101
Other Professional Doctorate (JD, M.D., D.D.S.)	N/A	12
Ph.D.	N/A	22
Residency in Pharmacy Practice (any type)	N/A	361
Specialty Residency (e.g., Drug Information, Pediatric, Primary care)	N/A	171
Fellowship	N/A	39
Other; please specify type:	N/A	32

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

	Response Percent	Response Total
None	30.2%	391
Minimal	44.7%	579

Moderate	19.1%	247
Heavy	6.0%	78

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

	Response Percent	Response Total
Part-time	N/A	88
Full time (35 hrs & above)	N/A	1145
Not currently practicing	N/A	35
No longer in pharmacy profession	N/A	4
Student (post graduate education/training)	N/A	73

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

	Response Percent	Response Total
NOT APPLICABLE	3.9%	50
Alabama (AL)	0.2%	3
Alaska (AK)	0.5%	7
American Samoa	0.1%	1
Arizona (AZ)	1.0%	13
Arkansas (AR)	0.2%	2
California (CA)	7.5%	97
Colorado (CO)	2.8%	36
Connecticut (CT)	1.8%	23
Delaware (DE)	0.2%	3
Dist. of Columbia (DC)	0.4%	5
Florida (FL)	9.2%	119
Georgia (GA)	2.9%	37
Guam	0.1%	1
Hawaii (HI)	1.9%	25
Idaho (ID)	1.9%	24
Illinois (IL)	6.9%	89
Indiana (IN)	0.4%	5
Iowa (IA)	1.5%	19
Kansas (KS)	0.2%	2
Kentucky (KY)	0.2%	2
Louisiana (LA)	2.4%	31
Maine (ME)	0.8%	10
Maryland (MD)	4.9%	63
Massachusetts (MA)	2.6%	34
Michigan (MI)	0.7%	9
Minnesota (MN)	4.7%	61
Mississippi (MS)	0.5%	7
Missouri (MO)	0.5%	6
Montana (MT)	0.1%	1
Nebraska (NE)	0.2%	3
Nevada (NV)	0.7%	9

New Hampshire (NH)	0.5%	7
New Jersey (NJ)	0.5%	7
New Mexico (NM)	0.4%	5
New York (NY)	1.7%	22
North Carolina (NC)	1.4%	18
North Dakota (ND)	0.1%	1
Ohio (OH)	1.8%	23
Oklahoma (OK)	2.6%	34
Oregon (OR)	4.7%	61
Pennsylvania (PA)	1.6%	21
Puerto Rico	0.2%	2
Rhode Island (RI)	2.6%	34
South Carolina (SC)	0.8%	10
Tennessee (TN)	2.1%	27
Texas (TX)	8.9%	115
Utah (UT)	0.5%	6
Vermont (VT)	0.3%	4
Virginia (VA)	1.2%	16
Washington (WA)	2.5%	32
West Virginia (WV)	2.3%	30
Wisconsin (WI)	1.2%	16
Wyoming (WY)	0.5%	7

### 8. In what type of setting are you primarily practicing or employed?

	Response Percent	Response Total
Chain community pharmacy	N/A	392
Independent community pharmacy	N/A	98
Hospital	N/A	516
Clinic-based pharmacy	N/A	133
Consultant	N/A	26
Home care	N/A	9
Nursing home/Long-term care facility	N/A	33
Academia	N/A	93
Association management	N/A	2
Pharmaceutical industry	N/A	40
Managed care	N/A	52
Government or regulatory agency	N/A	61
Other Pharmacy Related Field; please specify:	N/A	65
Non-Pharmacy related field; please specify:	N/A	3
Not currently employed	N/A	22

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

	Response Percent	Response Total
APhA	N/A	362
ASHP	N/A	364

AMCP	N/A	27
AACP	N/A	42
ACCP	N/A	205
ASCP	N/A	27
NCPA	N/A	22
State Pharmacy Association	N/A	395
Other; please specify:	N/A	157
None	N/A	457

**10. 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)	71.8%	602
Moderate (regularly attend meetings, occasionally serve on committees)	17.9%	150
Heavy (regularly serve on committees and/or serve as an officer)	10.3%	86

**11. 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	55.7%	721
No	44.3%	574

**12. Sex**

	<b>Response Percent</b>	<b>Response Total</b>
Male	37.5%	485
Female	60.9%	789
Prefer not to respond	1.6%	21

## Section II: Development/Communication

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

	Strongly Agree	Agree	Disagree	Strongly Disagree	Unable to Comment
13. The college/school communicates effectively with alumni about college/school activities.	24.8% (321)	<b>60.4%</b> <b>(782)</b>	9.9% (128)	2.0% (26)	2.9% (38)
14. The current Dean is providing leadership in pharmacy.	27.2% (352)	<b>38.7%</b> <b>(501)</b>	4.6% (59)	2.1% (27)	27.5% (356)
15. The current Dean encourages alumni to stay involved.	22.4% (290)	<b>40.7%</b> <b>(527)</b>	11.0% (143)	3.0% (39)	22.9% (296)

### When I was a student...

	Strongly Agree	Agree	Disagree	Strongly Disagree	Unable to Comment
16. The faculty displayed respect for their colleagues and students.	<b>50.2%</b> <b>(650)</b>	44.4% (575)	3.2% (42)	1.6% (21)	0.5% (7)
17. Faculty, administrators and staff served as positive role models for students.	<b>53.3%</b> <b>(690)</b>	42.2% (547)	2.9% (37)	1.0% (13)	0.6% (8)
18. I knew what the program outcomes were.	44.7% (579)	<b>47.5%</b> <b>(615)</b>	4.9% (64)	1.3% (17)	1.5% (20)
19. the curriculum provided opportunities to engage in active learning (e.g., laboratories, recitations, student portfolios, problem-based learning).	<b>52.7%</b> <b>(682)</b>	43.3% (561)	3.2% (41)	0.7% (9)	0.2% (2)
20. I was encouraged to assume responsibility for my own learning.	<b>56.7%</b> <b>(734)</b>	40.8% (528)	2.0% (26)	0.5% (6)	0.1% (1)
21. I was academically prepared to enter my advanced pharmacy practice experiences.	<b>52.9%</b> <b>(685)</b>	42.9% (555)	2.8% (36)	1.1% (14)	0.4% (5)
22. The curriculum prepared me to enter my first pharmacy job.	44.9% (582)	<b>43.3%</b> <b>(561)</b>	6.1% (79)	2.2% (28)	3.5% (45)
23. Information was made available to me about additional educational opportunities (e.g. residencies, fellowships, graduate school).	<b>48.9%</b> <b>(633)</b>	40.5% (524)	7.4% (96)	2.1% (27)	1.2% (15)
24. Elective didactic courses permitted exploration of and/or advanced study in areas of professional interest.	41.4% (536)	<b>44.5%</b> <b>(576)</b>	8.4% (109)	2.8% (36)	2.9% (38)
25. My pharmacy practice experiences were of high quality.	<b>47.7%</b> <b>(618)</b>	46.0% (596)	3.9% (51)	1.5% (19)	0.8% (11)

## Section III: Curriculum

## Domain 1: Foundational Knowledge

	Strongly Agree	Agree	Disagree	Strongly Disagree	Unable to Comment
26. Apply knowledge from the foundational pharmaceutical and biomedical sciences to the provision of patient care.	44.5% (576)	<b>51.7%</b> <b>(670)</b>	2.5% (33)	0.8% (10)	0.5% (6)
27. Apply knowledge from the clinical sciences to the provision of patient care.	<b>51.1%</b> <b>(662)</b>	46.4% (601)	1.4% (18)	0.7% (9)	0.4% (5)
28. Evaluate scientific literature.	44.5% (576)	<b>47.6%</b> <b>(616)</b>	5.9% (76)	1.7% (22)	0.4% (5)

## Domain 2: Essentials for Practice

	Strongly Agree	Agree	Disagree	Strongly Disagree	Unable to Comment
29. Provide medication expertise as part of patient-centered care.	<b>53.5%</b> <b>(693)</b>	44.1% (571)	1.4% (18)	0.6% (8)	0.4% (5)
30. Optimize the safety and efficacy of medication use systems (e.g., dispensing, administration, effects monitoring) to manage patient healthcare needs.	<b>47.9%</b> <b>(620)</b>	46.8% (606)	3.7% (48)	1.2% (15)	0.5% (6)
31. Design strategies to manage chronic disease and improve health and wellness.	<b>49.7%</b> <b>(643)</b>	46.3% (599)	2.5% (32)	1.1% (14)	0.5% (7)
32. Assess the health needs of a given patient population.	44.6% (577)	<b>49.7%</b> <b>(644)</b>	3.6% (47)	1.0% (13)	1.1% (14)
33. Provide patient-centered care based on evidence-based best practices.	<b>54.6%</b> <b>(707)</b>	41.9% (543)	1.9% (25)	0.9% (12)	0.6% (8)

## Domain 3: Approach to Practice and Care

	Strongly Agree	Agree	Disagree	Strongly Disagree	Unable to Comment
34. Design, implement and evaluate viable solutions to patient care problems.	45.7% (592)	<b>49.0%</b> <b>(635)</b>	3.6% (47)	0.8% (10)	0.8% (11)
35. Use effective strategies to educate patients, healthcare professionals and caregivers to improve patient care.	<b>49.0%</b> <b>(635)</b>	47.9% (620)	1.9% (25)	0.8% (10)	0.4% (5)

36. Advocate for the patient's best interest.	<b>51.0%</b> <b>(660)</b>	44.3% (574)	3.1% (40)	0.9% (12)	0.7% (9)
37. Engage as a member of an interprofessional healthcare team.	<b>52.4%</b> <b>(678)</b>	42.2% (546)	3.9% (50)	0.8% (11)	0.8% (10)
38. Identify cultural disparities in healthcare.	39.5% (511)	<b>49.5%</b> <b>(641)</b>	7.6% (98)	1.3% (17)	2.2% (28)
39. Recognize and address cultural disparities in access to and delivery of healthcare.	38.6% (500)	<b>49.4%</b> <b>(640)</b>	8.3% (107)	1.5% (19)	2.2% (29)
40. Effectively communicate (verbal, non-verbal, written) when interacting with individuals, groups and organizations.	<b>52.3%</b> <b>(677)</b>	44.2% (572)	2.2% (29)	1.2% (15)	0.2% (2)

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>
41. Examine and reflect on how my behavior and choices affect my personal and professional growth.	45.5% (589)	<b>46.9%</b> <b>(608)</b>	4.9% (63)	1.3% (17)	1.4% (18)
42. Accept responsibility for creating and achieving shared goals.	<b>48.3%</b> <b>(626)</b>	46.7% (605)	3.2% (41)	1.1% (14)	0.7% (9)
43. Develop new ideas and approaches to practice.	41.0% (531)	<b>48.0%</b> <b>(621)</b>	7.7% (100)	1.8% (23)	1.5% (20)
44. Act in a manner consistent with the trust given to pharmacists by patients, other healthcare providers and society.	<b>56.8%</b> <b>(736)</b>	40.8% (529)	0.7% (9)	1.0% (13)	0.6% (8)

**Section IV: 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>
45. If I were starting my education over today, I would choose pharmacy as a career.	<b>40.9%</b> <b>(530)</b>	33.5% (434)	16.1% (208)	5.5% (71)	4.0% (52)
46. If I were starting my education over today, I would choose the same college/school of pharmacy.	<b>59.9%</b> <b>(776)</b>	30.7% (398)	5.2% (67)	2.6% (34)	1.5% (20)
47. I received a high quality pharmacy education.	<b>64.8%</b> <b>(839)</b>	31.0% (401)	2.5% (33)	1.0% (13)	0.7% (9)