

American Association of
Colleges of Pharmacy
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AAACP

OFFICE OF
**INSTITUTIONAL
RESEARCH &
EFFECTIVENESS**

American Association of Colleges of Pharmacy Alumni Survey

2016 Private School Summary Report

September 2016

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2016 Alumni Survey Private School Summary Report

Total number of schools: 35
Total number of responses: 1,202
Response Rate: 12.4%

Section I: Demographic Questions

1. Year of Graduation:

| | Response Percent | Response Total |
|------|------------------|----------------|
| 2015 | 35.6% | 428 |
| 2014 | 23.4% | 281 |
| 2013 | 25.4% | 305 |
| 2012 | 9.2% | 111 |
| 2011 | 6.4% | 77 |

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

| | Response Percent | Response Total |
|--|------------------|----------------|
| Main campus | 95.9% | 1153 |
| Distance/Satellite/Branch campus (enter city, state) | 4.1% | 49 |

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 | 31.0% | 373 |
| No | 69.0% | 829 |

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 | 103 |
| Other Professional Doctorate (JD, M.D., D.D.S.) | N/A | 5 |
| Ph.D. | N/A | 4 |
| Residency in Pharmacy Practice (any type) | N/A | 250 |
| Specialty Residency (e.g., Drug Information, Pediatric, Primary care) | N/A | 85 |
| Fellowship | N/A | 20 |
| Other; please specify type: | N/A | 35 |

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

| | Response Percent | Response Total |
|------|------------------|----------------|
| None | 32.4% | 389 |

| | | |
|----------|-------|-----|
| Minimal | 43.4% | 522 |
| Moderate | 18.4% | 221 |
| Heavy | 5.8% | 70 |

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

| | Response Percent | Response Total |
|--|------------------|----------------|
| Part-time | N/A | 90 |
| Full time (35 hrs & above) | N/A | 1091 |
| Not currently practicing | N/A | 31 |
| No longer in pharmacy profession | N/A | 4 |
| Student (post graduate education/training) | N/A | 52 |

7. In which state are you primarily practicing?

| | Response Percent | Response Total |
|------------------------|------------------|----------------|
| NOT APPLICABLE | 2.6% | 31 |
| Alabama (AL) | 4.8% | 58 |
| Alaska (AK) | 0.5% | 6 |
| Arizona (AZ) | 2.2% | 26 |
| Arkansas (AR) | 1.3% | 16 |
| California (CA) | 7.4% | 89 |
| Colorado (CO) | 0.3% | 4 |
| Connecticut (CT) | 1.9% | 23 |
| Delaware (DE) | 0.2% | 2 |
| Dist. of Columbia (DC) | 0.2% | 2 |
| Florida (FL) | 4.1% | 49 |
| Georgia (GA) | 2.8% | 34 |
| Hawaii (HI) | 0.1% | 1 |
| Idaho (ID) | 0.1% | 1 |
| Illinois (IL) | 2.2% | 27 |
| Indiana (IN) | 1.2% | 15 |
| Iowa (IA) | 0.9% | 11 |
| Kansas (KS) | 0.6% | 7 |
| Kentucky (KY) | 4.8% | 58 |
| Louisiana (LA) | 0.5% | 6 |
| Maine (ME) | 0.9% | 11 |
| Maryland (MD) | 2.9% | 35 |
| Massachusetts (MA) | 3.4% | 41 |
| Michigan (MI) | 0.7% | 8 |
| Minnesota (MN) | 1.0% | 12 |
| Mississippi (MS) | 0.6% | 7 |
| Missouri (MO) | 2.5% | 30 |
| Nebraska (NE) | 0.1% | 1 |
| Nevada (NV) | 0.2% | 2 |
| New Hampshire (NH) | 0.3% | 4 |
| New Jersey (NJ) | 1.4% | 17 |

| | | |
|---------------------|-------|-----|
| New Mexico (NM) | 0.2% | 3 |
| New York (NY) | 11.1% | 134 |
| North Carolina (NC) | 4.7% | 57 |
| North Dakota (ND) | 0.2% | 2 |
| Ohio (OH) | 4.2% | 50 |
| Oklahoma (OK) | 0.7% | 9 |
| Oregon (OR) | 0.6% | 7 |
| Pennsylvania (PA) | 3.1% | 37 |
| Puerto Rico | 0.1% | 1 |
| Rhode Island (RI) | 0.2% | 2 |
| South Carolina (SC) | 0.4% | 5 |
| Tennessee (TN) | 8.1% | 97 |
| Texas (TX) | 7.1% | 85 |
| Utah (UT) | 0.4% | 5 |
| Vermont (VT) | 0.3% | 4 |
| Virginia (VA) | 3.6% | 43 |
| Washington (WA) | 0.8% | 10 |
| West Virginia (WV) | 0.8% | 10 |
| Wisconsin (WI) | 0.6% | 7 |

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

| | Response Percent | Response Total |
|---|------------------|----------------|
| Chain community pharmacy | N/A | 557 |
| Independent community pharmacy | N/A | 133 |
| Hospital | N/A | 361 |
| Clinic-based pharmacy | N/A | 78 |
| Consultant | N/A | 21 |
| Home care | N/A | 5 |
| Nursing home/Long-term care facility | N/A | 35 |
| Academia | N/A | 48 |
| Association management | N/A | 1 |
| Pharmaceutical industry | N/A | 31 |
| Managed care | N/A | 26 |
| Government or regulatory agency | N/A | 36 |
| Other Pharmacy Related Field; please specify: | N/A | 54 |
| Non-Pharmacy related field; please specify: | N/A | 1 |
| Not currently employed | N/A | 18 |

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

| | Response Percent | Response Total |
|------|------------------|----------------|
| APhA | N/A | 415 |
| ASHP | N/A | 266 |
| AMCP | N/A | 12 |
| AACP | N/A | 33 |
| ACCP | N/A | 96 |

| | | |
|----------------------------|-----|-----|
| ASCP | N/A | 12 |
| NCPA | N/A | 41 |
| State Pharmacy Association | N/A | 353 |
| Other; please specify: | N/A | 118 |
| None | N/A | 487 |

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

| | Response Percent | Response Total |
|--|-------------------------|-----------------------|
| Minimal (occasionally attend meetings) | 77.5% | 554 |
| Moderate (regularly attend meetings, occasionally serve on committees) | 16.6% | 119 |
| Heavy (regularly serve on committees and/or serve as an officer) | 5.9% | 42 |

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

| | Response Percent | Response Total |
|-----|-------------------------|-----------------------|
| Yes | 37.3% | 448 |
| No | 62.7% | 754 |

12. Sex

| | Response Percent | Response Total |
|-----------------------|-------------------------|-----------------------|
| Male | 34.9% | 420 |
| Female | 63.2% | 760 |
| Prefer not to respond | 1.8% | 22 |

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. | 28.2% (339) | 55.2% (663) | 11.3% (136) | 2.1% (25) | 3.2% (39) |
| 14. The current Dean is providing leadership in pharmacy. | 30.9% (372) | 34.6% (416) | 4.2% (51) | 1.9% (23) | 28.3% (340) |
| 15. The current Dean encourages alumni to stay involved. | 25.9% (311) | 37.8% (454) | 10.2% (123) | 2.8% (34) | 23.3% (280) |

When I was a student...

| | Strongly Agree | Agree | Disagree | Strongly Disagree | Unable to Comment |
|---|------------------------------|------------------------------|----------------|-------------------|-------------------|
| 16. The faculty displayed respect for their colleagues and students. | 49.3% (592) | 45.0% (541) | 3.9% (47) | 1.5% (18) | 0.3% (4) |
| 17. Faculty, administrators and staff served as positive role models for students. | 51.4% (618) | 43.7% (525) | 3.7% (45) | 1.1% (13) | 0.1% (1) |
| 18. I knew what the program outcomes were. | 48.0% (577) | 45.5% (547) | 4.1% (49) | 0.8% (10) | 1.6% (19) |
| 19. the curriculum provided opportunities to engage in active learning (e.g., laboratories, recitations, student portfolios, problem-based learning). | 52.1% (626) | 43.6% (524) | 2.9% (35) | 0.7% (9) | 0.7% (8) |
| 20. I was encouraged to assume responsibility for my own learning. | 56.2% (676) | 40.9% (492) | 1.8% (22) | 0.4% (5) | 0.6% (7) |
| 21. I was academically prepared to enter my advanced pharmacy practice experiences. | 50.2% (603) | 42.3% (509) | 6.1% (73) | 1.0% (12) | 0.4% (5) |
| 22. The curriculum prepared me to enter my first pharmacy job. | 46.4% (558) | 43.3% (521) | 7.6% (91) | 1.4% (17) | 1.2% (15) |
| 23. Information was made available to me about additional educational opportunities (e.g. residencies, fellowships, graduate school). | 46.5% (559) | 42.8% (514) | 7.8% (94) | 1.7% (21) | 1.2% (14) |
| 24. Elective didactic courses permitted exploration of and/or advanced study in areas of professional interest. | 39.9% (480) | 46.3% (556) | 10.7% (129) | 1.6% (19) | 1.5% (18) |
| 25. My pharmacy practice experiences were of high quality. | 44.5% (535) | 46.8% (562) | 6.4% (77) | 1.7% (21) | 0.6% (7) |

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. | 44.4% (534) | 51.4% (618) | 2.8% (34) | 0.6% (7) | 0.7% (9) |
| 27. Apply knowledge from the clinical sciences to the provision of patient care. | 49.6% (596) | 47.1% (566) | 2.5% (30) | 0.4% (5) | 0.4% (5) |
| 28. Evaluate scientific literature. | 44.2% (531) | 47.8% (574) | 6.1% (73) | 1.4% (17) | 0.6% (7) |

Domain 2: Essentials for Practice

| | Strongly Agree | Agree | Disagree | Strongly Disagree | Unable to Comment |
|---|------------------------------|------------------------------|--------------|-------------------|-------------------|
| 29. Provide medication expertise as part of patient-centered care. | 51.2% (616) | 45.9% (552) | 1.7% (21) | 0.6% (7) | 0.5% (6) |
| 30. Optimize the safety and efficacy of medication use systems (e.g., dispensing, administration, effects monitoring) to manage patient healthcare needs. | 48.3% (581) | 47.7% (573) | 3.2% (39) | 0.3% (4) | 0.4% (5) |
| 31. Design strategies to manage chronic disease and improve health and wellness. | 47.3% (568) | 49.3% (592) | 2.4% (29) | 0.3% (4) | 0.7% (9) |
| 32. Assess the health needs of a given patient population. | 46.2% (555) | 49.5% (595) | 2.9% (35) | 0.6% (7) | 0.8% (10) |
| 33. Provide patient-centered care based on evidence-based best practices. | 51.5% (619) | 45.8% (550) | 1.6% (19) | 0.5% (6) | 0.7% (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. | 42.8% (514) | 52.8% (635) | 3.0% (36) | 0.5% (6) | 0.9% (11) |
| 35. Use effective strategies to educate patients, healthcare professionals and caregivers to improve patient care. | 49.6% (596) | 47.8% (575) | 1.8% (22) | 0.4% (5) | 0.3% (4) |
| 36. Advocate for the patient's best interest. | 50.9% (612) | 45.8% (551) | 1.8% (22) | 0.4% (5) | 1.0% (12) |

| | | | | | |
|--|------------------------------|------------------------------|--------------|-------------|--------------|
| 37. Engage as a member of an interprofessional healthcare team. | 51.2% (616) | 42.8% (515) | 4.2% (51) | 0.7% (9) | 0.9% (11) |
| 38. Identify cultural disparities in healthcare. | 43.6% (524) | 47.3% (568) | 6.7% (81) | 0.7% (8) | 1.7% (21) |
| 39. Recognize and address cultural disparities in access to and delivery of healthcare. | 42.9% (516) | 47.2% (567) | 7.2% (87) | 0.7% (9) | 1.9% (23) |
| 40. Effectively communicate (verbal, non-verbal, written) when interacting with individuals, groups and organizations. | 52.6% (632) | 43.8% (526) | 2.2% (26) | 0.7% (9) | 0.7% (9) |

Domain 4: Personal and Professional Development

| | Strongly Agree | Agree | Disagree | Strongly Disagree | Unable to Comment |
|---|------------------------------|------------------------------|-----------------|--------------------------|--------------------------|
| 41. Examine and reflect on how my behavior and choices affect my personal and professional growth. | 48.6% (584) | 45.8% (550) | 3.4% (41) | 1.4% (17) | 0.8% (10) |
| 42. Accept responsibility for creating and achieving shared goals. | 49.8% (598) | 46.5% (559) | 2.2% (26) | 0.9% (11) | 0.7% (8) |
| 43. Develop new ideas and approaches to practice. | 42.1% (506) | 48.8% (586) | 6.2% (75) | 1.4% (17) | 1.5% (18) |
| 44. Act in a manner consistent with the trust given to pharmacists by patients, other healthcare providers and society. | 55.7% (670) | 42.2% (507) | 0.7% (9) | 0.7% (8) | 0.7% (8) |

Section IV: General Impressions

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

| | Strongly Agree | Agree | Disagree | Strongly Disagree | Unable to Comment |
|---|------------------------------|----------------|-----------------|--------------------------|--------------------------|
| 45. If I were starting my education over today, I would choose pharmacy as a career. | 44.4% (534) | 36.0% (433) | 12.1% (145) | 4.5% (54) | 3.0% (36) |
| 46. If I were starting my education over today, I would choose the same college/school of pharmacy. | 45.4% (546) | 33.1% (398) | 10.9% (131) | 5.8% (70) | 4.7% (57) |
| 47. I received a high quality pharmacy education. | 55.6% (668) | 36.0% (433) | 5.2% (62) | 1.1% (13) | 2.2% (26) |