

# American Association of Colleges of Pharmacy Alumni Survey

## 2021 Private School Summary Report

September 2021

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## 2021 Alumni Survey Private School Summary Report

Total number of schools: 47  
Total number of responses: 1,378  
Response Rate: 8.9%

### 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. | 31.1%<br>(428) | <b>49.1%</b><br><b>(677)</b> | 11.9%<br>(164) | 3.6%<br>(49)      | 4.4%<br>(60)      |
| 2. The current Dean is providing leadership in pharmacy.                                    | 33.4%<br>(460) | <b>35.5%</b><br><b>(489)</b> | 5.2%<br>(71)   | 3.0%<br>(41)      | 23.0%<br>(317)    |
| 3. The current Dean encourages alumni to stay involved.                                     | 27.3%<br>(376) | <b>37.2%</b><br><b>(513)</b> | 13.4%<br>(185) | 4.4%<br>(60)      | 17.7%<br>(244)    |

### 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>54.4%</b><br><b>(750)</b> | 38.6%<br>(532) | 3.8%<br>(52) | 2.7%<br>(37)      | 0.5%<br>(7)       |
| 5. Faculty, administrators and staff served as positive role models for students.                                                                    | <b>54.9%</b><br><b>(757)</b> | 38.7%<br>(533) | 3.7%<br>(51) | 2.0%<br>(28)      | 0.7%<br>(9)       |
| 6. I knew what the program outcomes were.                                                                                                            | <b>50.0%</b><br><b>(689)</b> | 44.0%<br>(607) | 4.2%<br>(58) | 1.1%<br>(15)      | 0.7%<br>(9)       |
| 7. The curriculum provided opportunities to engage in active learning (e.g., laboratories, recitations, student portfolios, problem-based learning). | <b>59.4%</b><br><b>(818)</b> | 36.4%<br>(501) | 2.8%<br>(38) | 1.1%<br>(15)      | 0.4%<br>(6)       |
| 8. I was encouraged to assume responsibility for my own learning.                                                                                    | <b>61.8%</b><br><b>(852)</b> | 34.9%<br>(481) | 2.2%<br>(31) | 0.4%<br>(6)       | 0.6%<br>(8)       |
| 9. I was academically prepared to enter my advanced pharmacy practice experiences.                                                                   | <b>53.6%</b><br><b>(738)</b> | 38.9%<br>(536) | 4.6%<br>(64) | 2.2%<br>(30)      | 0.7%<br>(10)      |
| 10. The curriculum prepared me to enter my first pharmacy job.                                                                                       | <b>48.3%</b><br><b>(665)</b> | 38.5%<br>(530) | 6.7%<br>(92) | 4.0%<br>(55)      | 2.6%<br>(36)      |

|                                                                                                                                       | <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>48.9%<br/>(674)</b> | 40.6%<br>(559) | 6.6%<br>(91)    | 2.4%<br>(33)             | 1.5%<br>(21)             |
| 12. Elective didactic courses permitted exploration of and/or advanced study in areas of professional interest.                       | <b>47.6%<br/>(656)</b> | 40.9%<br>(563) | 7.0%<br>(96)    | 2.7%<br>(37)             | 1.9%<br>(26)             |
| 13. My pharmacy practice experiences were of high quality.                                                                            | <b>50.2%<br/>(692)</b> | 41.0%<br>(565) | 5.3%<br>(73)    | 2.7%<br>(37)             | 0.8%<br>(11)             |

## 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. | <b>47.8%<br/>(659)</b> | 47.7%<br>(657)         | 2.5%<br>(35)    | 1.4%<br>(19)             | 0.6%<br>(8)              |
| 15. Apply knowledge from the clinical sciences to the provision of patient care.                                   | <b>52.4%<br/>(722)</b> | 44.1%<br>(608)         | 1.9%<br>(26)    | 1.1%<br>(15)             | 0.5%<br>(7)              |
| 16. Evaluate scientific literature.                                                                                | 43.7%<br>(602)         | <b>45.4%<br/>(626)</b> | 8.2%<br>(113)   | 2.0%<br>(28)             | 0.7%<br>(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>56.3%<br/>(776)</b> | 40.1%<br>(552) | 1.9%<br>(26)    | 1.1%<br>(15)             | 0.7%<br>(9)              |
| 18. Optimize the safety and efficacy of medication use systems (e.g., dispensing, administration, effects monitoring) to manage patient healthcare needs. | <b>51.6%<br/>(711)</b> | 42.5%<br>(585) | 3.6%<br>(50)    | 1.5%<br>(21)             | 0.8%<br>(11)             |
| 19. Design strategies to manage chronic disease and improve health and wellness.                                                                          | <b>52.8%<br/>(727)</b> | 41.9%<br>(578) | 2.9%<br>(40)    | 1.5%<br>(20)             | 0.9%<br>(13)             |
| 20. Assess the health needs of a given patient population.                                                                                                | <b>48.9%<br/>(674)</b> | 43.8%<br>(603) | 4.8%<br>(66)    | 1.5%<br>(20)             | 1.1%<br>(15)             |
| 21. Provide patient-centered care based on evidence-based best practices.                                                                                 | <b>57.0%<br/>(786)</b> | 39.0%<br>(538) | 2.3%<br>(32)    | 1.0%<br>(14)             | 0.6%<br>(8)              |

**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>48.6%<br/>(670)</b> | 45.1%<br>(621) | 4.3%<br>(59)    | 1.1%<br>(15)             | 0.9%<br>(13)             |
| 23. Use effective strategies to educate patients, healthcare professionals and caregivers to improve patient care.     | <b>54.2%<br/>(747)</b> | 41.4%<br>(571) | 2.5%<br>(34)    | 1.1%<br>(15)             | 0.8%<br>(11)             |
| 24. Advocate for the patient's best interest.                                                                          | <b>56.1%<br/>(773)</b> | 39.2%<br>(540) | 3.3%<br>(45)    | 0.7%<br>(10)             | 0.7%<br>(10)             |
| 25. Engage as a member of an interprofessional healthcare team.                                                        | <b>55.7%<br/>(768)</b> | 39.1%<br>(539) | 2.8%<br>(39)    | 1.5%<br>(21)             | 0.8%<br>(11)             |
| 26. Identify cultural disparities in healthcare.                                                                       | <b>44.8%<br/>(618)</b> | 42.2%<br>(582) | 8.2%<br>(113)   | 2.7%<br>(37)             | 2.0%<br>(28)             |
| 27. Recognize and address cultural disparities in access to and delivery of healthcare.                                | <b>44.4%<br/>(612)</b> | 41.1%<br>(566) | 9.7%<br>(133)   | 2.5%<br>(34)             | 2.4%<br>(33)             |
| 28. Effectively communicate (verbal, non-verbal, written) when interacting with individuals, groups and organizations. | <b>54.1%<br/>(746)</b> | 40.0%<br>(551) | 3.6%<br>(50)    | 1.4%<br>(19)             | 0.9%<br>(12)             |

**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>51.2%<br/>(706)</b> | 39.6%<br>(546) | 5.6%<br>(77)    | 2.3%<br>(32)             | 1.2%<br>(17)             |
| 30. Accept responsibility for creating and achieving shared goals.                                                      | <b>51.9%<br/>(715)</b> | 41.1%<br>(567) | 4.5%<br>(62)    | 1.5%<br>(21)             | 0.9%<br>(13)             |
| 31. Develop new ideas and approaches to practice.                                                                       | <b>44.9%<br/>(619)</b> | 41.9%<br>(578) | 8.7%<br>(120)   | 2.5%<br>(35)             | 1.9%<br>(26)             |
| 32. Act in a manner consistent with the trust given to pharmacists by patients, other healthcare providers and society. | <b>58.6%<br/>(808)</b> | 37.2%<br>(513) | 2.0%<br>(28)    | 1.5%<br>(20)             | 0.7%<br>(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.                | 32.7%<br>(450)         | <b>33.7%<br/>(464)</b> | 18.9%<br>(260)  | 11.2%<br>(155)           | 3.6%<br>(49)             |
| 34. If I were starting my education over today, I would choose the same college/school of pharmacy. | <b>43.8%<br/>(604)</b> | 33.5%<br>(462)         | 10.2%<br>(140)  | 8.6%<br>(118)            | 3.9%<br>(54)             |
| 35. I received a high quality pharmacy education.                                                   | <b>54.1%<br/>(746)</b> | 36.3%<br>(500)         | 4.9%<br>(67)    | 3.0%<br>(41)             | 1.7%<br>(24)             |

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> |
|------|-------------------------|-----------------------|
| 2020 | 35.2%                   | 485                   |
| 2019 | 25.8%                   | 355                   |
| 2018 | 24.8%                   | 342                   |
| 2017 | 8.3%                    | 115                   |
| 2016 | 5.9%                    | 81                    |

**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> |
|------------------------------------------------------|-------------------------|-----------------------|
| Main campus                                          | 91.2%                   | 1257                  |
| Distance/Satellite/Branch campus (enter city, state) | 8.1%                    | 112                   |
| Web-based program                                    | 0.7%                    | 9                     |

**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> |
|-----|-------------------------|-----------------------|
| Yes | 39.4%                   | 543                   |
| No  | 60.6%                   | 835                   |

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

|                                                                       | <b>Response Percent</b> | <b>Response Total</b> |
|-----------------------------------------------------------------------|-------------------------|-----------------------|
| Master's; please specify type:                                        | N/A                     | 119                   |
| Other Professional Doctorate (JD, M.D., D.D.S.)                       | N/A                     | 12                    |
| Ph.D.                                                                 | N/A                     | 10                    |
| Residency in Pharmacy Practice (any type)                             | N/A                     | 378                   |
| Specialty Residency (e.g., Drug Information, Pediatric, Primary care) | N/A                     | 139                   |
| Fellowship                                                            | N/A                     | 50                    |
| Other; please specify type:                                           | N/A                     | 35                    |

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

|          | <b>Response Percent</b> | <b>Response Total</b> |
|----------|-------------------------|-----------------------|
| None     | 31.5%                   | 434                   |
| Minimal  | 41.7%                   | 574                   |
| Moderate | 20.3%                   | 280                   |
| Heavy    | 6.5%                    | 90                    |

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

|                                            | <b>Response Percent</b> | <b>Response Total</b> |
|--------------------------------------------|-------------------------|-----------------------|
| Part-time                                  | N/A                     | 140                   |
| Full time (35 hrs & above)                 | N/A                     | 1158                  |
| Not currently practicing                   | N/A                     | 85                    |
| No longer in pharmacy profession           | N/A                     | 16                    |
| Student (post graduate education/training) | N/A                     | 57                    |

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

|                        | <b>Response Percent</b> | <b>Response Total</b> |
|------------------------|-------------------------|-----------------------|
| NOT APPLICABLE         | 6.6%                    | 90                    |
| Alabama (AL)           | 4.0%                    | 54                    |
| Alaska (AK)            | 0.2%                    | 3                     |
| American Samoa         | 0%                      | 0                     |
| Arizona (AZ)           | 1.2%                    | 16                    |
| Arkansas (AR)          | 1.0%                    | 13                    |
| California (CA)        | 17.4%                   | 237                   |
| Colorado (CO)          | 0.4%                    | 5                     |
| Connecticut (CT)       | 0.9%                    | 12                    |
| Delaware (DE)          | 0.1%                    | 2                     |
| Dist. of Columbia (DC) | 0.5%                    | 7                     |
| Florida (FL)           | 7.7%                    | 105                   |
| Georgia (GA)           | 1.5%                    | 21                    |
| Guam                   | 0%                      | 0                     |
| Hawaii (HI)            | 0%                      | 0                     |
| Idaho (ID)             | 0.1%                    | 1                     |
| Illinois (IL)          | 3.5%                    | 48                    |
| Indiana (IN)           | 7.9%                    | 107                   |
| Iowa (IA)              | 0.5%                    | 7                     |
| Kansas (KS)            | 0.2%                    | 3                     |
| Kentucky (KY)          | 1.1%                    | 15                    |
| Louisiana (LA)         | 1.2%                    | 16                    |
| Maine (ME)             | 0.6%                    | 8                     |
| Maryland (MD)          | 1.4%                    | 19                    |
| Massachusetts (MA)     | 1.3%                    | 18                    |
| Michigan (MI)          | 1.1%                    | 15                    |
| Midway Islands         | 0%                      | 0                     |
| Minnesota (MN)         | 1.0%                    | 13                    |
| Mississippi (MS)       | 0.5%                    | 7                     |
| Missouri (MO)          | 1.3%                    | 18                    |
| Montana (MT)           | 0.1%                    | 1                     |
| Nebraska (NE)          | 0%                      | 0                     |
| Nevada (NV)            | 0.3%                    | 4                     |
| New Hampshire (NH)     | 0.2%                    | 3                     |
| New Jersey (NJ)        | 3.3%                    | 45                    |
| New Mexico (NM)        | 0.3%                    | 4                     |
| New York (NY)          | 4.6%                    | 62                    |
| North Carolina (NC)    | 2.9%                    | 40                    |
| North Dakota (ND)      | 0.1%                    | 1                     |
| Ohio (OH)              | 3.5%                    | 47                    |
| Oklahoma (OK)          | 0%                      | 0                     |
| Oregon (OR)            | 1.0%                    | 13                    |
| Pennsylvania (PA)      | 5.7%                    | 78                    |
| Puerto Rico            | 0.7%                    | 9                     |
| Rhode Island (RI)      | 0.2%                    | 3                     |
| South Carolina (SC)    | 0.3%                    | 4                     |
| South Dakota (SD)      | 0%                      | 0                     |
| Tennessee (TN)         | 3.4%                    | 46                    |
| Texas (TX)             | 4.3%                    | 59                    |
| Utah (UT)              | 0.1%                    | 2                     |
| Vermont (VT)           | 0.4%                    | 5                     |
| Virgin Islands         | 0%                      | 0                     |
| Virginia (VA)          | 3.3%                    | 45                    |
| Wake Islands           | 0%                      | 0                     |
| Washington (WA)        | 0.5%                    | 7                     |
| West Virginia (WV)     | 0.7%                    | 10                    |
| Wisconsin (WI)         | 1.0%                    | 13                    |
| Wyoming (WY)           | 0.1%                    | 1                     |

**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                     | 479                   |
| Independent community pharmacy                | N/A                     | 143                   |
| Hospital                                      | N/A                     | 480                   |
| Clinic-based pharmacy                         | N/A                     | 144                   |
| Consultant                                    | N/A                     | 31                    |
| Home care                                     | N/A                     | 14                    |
| Nursing home/Long-term care facility          | N/A                     | 38                    |
| Academia                                      | N/A                     | 52                    |
| Association management                        | N/A                     | 2                     |
| Pharmaceutical industry                       | N/A                     | 68                    |
| Managed care                                  | N/A                     | 46                    |
| Government or regulatory agency               | N/A                     | 49                    |
| Other Pharmacy Related Field; please specify: | N/A                     | 87                    |
| Non-Pharmacy related field; please specify:   | N/A                     | 3                     |
| 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                     | 461                   |
| ASHP                       | N/A                     | 380                   |
| AMCP                       | N/A                     | 30                    |
| AACP                       | N/A                     | 40                    |
| ACCP                       | N/A                     | 149                   |
| ASCP                       | N/A                     | 12                    |
| NCPA                       | N/A                     | 31                    |
| State Pharmacy Association | N/A                     | 298                   |
| Other; please specify:     | N/A                     | 128                   |
| None                       | N/A                     | 543                   |

**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)                                 | 75.1%                   | 627                   |
| Moderate (regularly attend meetings, occasionally serve on committees) | 18.2%                   | 152                   |
| Heavy (regularly serve on committees and/or serve as an officer)       | 6.7%                    | 56                    |

**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 | 37.6%                   | 518                   |
| No  | 62.4%                   | 860                   |



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

|                                     | <b>Response Percent</b> | <b>Response Total</b> |
|-------------------------------------|-------------------------|-----------------------|
| Female                              | 63.9%                   | 881                   |
| Trans Female/Trans Woman            | 0%                      | 0                     |
| Male                                | 31.2%                   | 430                   |
| Trans Male/Trans Man                | 0.1%                    | 1                     |
| Different Identity; please specify: | 0.8%                    | 11                    |
| Prefer not to disclose              | 4.0%                    | 55                    |

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

|                                   | <b>Response Percent</b> | <b>Response Total</b> |
|-----------------------------------|-------------------------|-----------------------|
| Heterosexual or Straight          | 86.7%                   | 1195                  |
| Gay or Lesbian                    | 3.6%                    | 49                    |
| Bisexual                          | 2.0%                    | 27                    |
| Not listed above; please specify: | 1.0%                    | 14                    |
| Prefer not to disclose            | 6.7%                    | 93                    |