

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

**AACP**

OFFICE OF  
**INSTITUTIONAL  
RESEARCH &  
EFFECTIVENESS**

# **American Association of College of Pharmacy Graduating Student Survey**

## **2014 National Summary Report**

July 2014

## About the AACCP Curriculum Quality Surveys

Graduating Student, Alumni, and Faculty surveys were initiated and designed by the American Association of Colleges of Pharmacy/Accreditation Council for Pharmacy Education Task Force on Assessment and Accreditation in 2002. These quality perception surveys were intended to gather information on program issues and curriculum quality. With the release of ACPE's Standards 2007, the AACCP Institutional Research and Assessment Committee (IRAC), AACCP staff, and an external consultant revised the three surveys and created a Preceptor survey. The purpose of the revised surveys is to help member colleges and schools gather data for both continuous program improvement and accountability (accreditation) purposes.

## 2014 Administration

The Graduating Student Survey was made available for online access in the AACCP Centralized Survey System on March 3, 2014. As of July 2014, 117 out of 121 (96.7%) colleges and schools of pharmacy graduating students in 2014 administered the survey to their students. A total of thirteen thousand, three hundred and ninety-two (13,392) graduating students were invited to complete the survey. Nine thousand, five hundred and twenty-seven (9,527) graduating students submitted the survey for a total response rate of over seventy-one percent (71.1%). Response rates per school ranged from 19.0 percent to 100.0 percent. For more information regarding this summary report or the administration of the survey, please contact Danielle Taylor, associate director of institutional research and effectiveness ([dtaylor@aacp.org](mailto:dtaylor@aacp.org)).

## 2014 Highlights

### *Students Continue to Borrow More to Finance Their Education*

Pharmacy student educational debt continued to trend upward in 2014. Over 89 percent (89.2%) of 2014 graduating students reported borrowing money to pay for their Pharm.D. education. The national average amount borrowed was \$144,718, an increase of 8.2 percent compared to 2013 Pharm.D. graduating students. At public institutions the average amount borrowed in 2014 was \$120,060, up 5.6 percent from 2013. The average amount borrowed for graduating Pharm.D. students at private institutions in 2014 was \$166,534, up 8.9 percent from last year.

### *Perceived Value of Interprofessional Education*

In 2014 over 82 percent (82.4%) of graduating Pharm.D. students strongly agreed or agreed that their learning experience with other health professions students helped them to gain a better understanding of how to be part of a multi-disciplinary team to improve patient outcomes. This was up from 80.0 percent in 2013.

### *Overall Impressions*

2014 graduating Pharm.D. students were confident in their preparation to enter pharmacy practice. Nearly 95 percent (94.9%) of students strongly agreed or agreed with this statement, up slightly from 94.7 percent in 2013.

Nearly 82 percent (81.8%) of graduating students strongly agreed or agreed that they would choose to study pharmacy if they were starting their college career over again. This is down from 83.8 percent in 2013. Nearly 83 percent (82.6%) of graduating students strongly agreed or agreed that they would choose the same college/school of pharmacy, down from 84.1 percent in 2013. Nearly 80 percent (79.6%) of graduating students would recommend a career in pharmacy to a friend or relative, down from 82.8 percent in 2013.

## 2014 GRADUATING STUDENT SURVEY SUMMARY REPORT - 2014

**Total number of schools: 117 (59 public, 58 private)**  
**Total number of responses: 9,527**  
**Total response rate: 71.1%**

### Demographic Information

#### 1. Gender

	Response Percent	Response Total
Male	38.0%	3621
Female	62.0%	5906

#### 2. Age

	Response Percent	Response Total
25 or under	48.0%	4576
26-30	38.6%	3674
31-35	8.3%	795
>35	5.0%	481

#### 3. Which of the following choice(s) describes the primary area of your paid outside work experiences while in the college/school?

	Response Percent	Response Total
Community pharmacy	N/A	6485
Institutional pharmacy	N/A	1770
Other pharmacy related; please specify:	N/A	676
Non-pharmacy related: please specify:	N/A	708
I did not work (Skip to number 4)	N/A	1314

#### 3(a). If you had paid outside work during your final professional year please indicate the approximate number of hours you worked per week.

	Response Percent	Response Total
Less than 10 hours	36.6%	3004
10 to less than 15 hours	21.5%	1766
15 to less than 20 hours	14.6%	1199
20 to less than 30 hours	6.0%	490
30 or more hours	2.0%	164
I did not work during my final professional year	17.8%	1466
No answer	1.5%	126

**3(b). If you had paid outside work during the academic year immediately prior to your final professional year please indicate the approximate number of hours you worked per week during that year.**

	<b>Response Percent</b>	<b>Response Total</b>
Less than 10 hours	27.4%	2254
10 to less than 15 hours	25.6%	2102
15 to less than 20 hours	20.0%	1646
20 to less than 30 hours	9.7%	793
30 or more hours	4.3%	352
I did not work during the academic year immediately prior to my final professional year	10.4%	857
No answer	2.5%	209

**4. Please indicate any college degrees you had earned prior to entering the Doctor of Pharmacy program. (Check all that apply)**

	<b>Response Percent</b>	<b>Response Total</b>
Did not have a degree prior to entering program	N/A	3913
Associate's	N/A	936
B.S., B.A. or Other Bachelor's	N/A	4823
MBA	N/A	51
Master's (other than MBA)	N/A	301
JD or Other Law	N/A	5
Ph.D.	N/A	33
M.D., D.D.S. or other Professional Doctorate	N/A	18
Other Doctorate	N/A	11

**5. If you participated in a dual degree program while completing your Doctor of Pharmacy program, please indicate the degree program:**

	<b>Response Percent</b>	<b>Response Total</b>
Did not participate in a dual degree program	95.7%	9111
Pharm.D./Ph.D.	0.5%	43
Pharm.D./MBA	2.0%	191
Pharm.D./M.S	0.3%	25
Pharm.D./JD	0.0%	2
Pharm.D./M.P.H.	0.4%	39
Other	1.2%	113

**5(a). If you participated in a dual degree program, please indicate the estimated time of completion for the non-Pharm.D. degree:**

	<b>Response Percent</b>	<b>Response Total</b>
Did not participate in a dual degree program	30.4%	226
Already completed	20.5%	152
Less than 1 year	7.9%	59
1 year	7.1%	53
2 years	13.6%	101
3 years	10.0%	74
4 years	7.4%	55
5 years	1.9%	14
More than 5 years	1.2%	9

**6. Please check the option below that best describes the configuration of your curriculum:**

	<b>Response Percent</b>	<b>Response Total</b>
Traditional program (4 professional years)	90.1%	8581
Accelerated program (3 professional years; year-round classes)	9.9%	945

**6(a). Please check the option below that best describes the learning environment in which you are enrolled:**

	<b>Response Percent</b>	<b>Response Total</b>
Main campus	90.7%	8638
Distance/Satellite/Branch campus (enter city, state)	8.9%	844
Web-based program	0.5%	45

**7(a). What are your current plans upon your graduation from the college/school of pharmacy? (Check all that apply)**

	<b>Response Percent</b>	<b>Response Total</b>
Community Pharmacist – Chain	N/A	5827
Community Pharmacist -- Independent	N/A	1453
Hospital Pharmacist	N/A	3147
Long-term Care Pharmacist	N/A	512
Managed Care Pharmacist	N/A	368
Pharmaceutical Industry	N/A	447
Pharmacist – Armed Services or Regulatory Agency	N/A	205
Pharmacist – Other Government	N/A	387
Professional Association	N/A	80
Other Pharmacy Related Field; please specify:	N/A	795
Non-Pharmacy Related Field; please specify:	N/A	63
No Plans for Employment in the coming year	N/A	348

**7(b). What are your current plans upon your graduation from the college/school of pharmacy? (Check all that apply)**

	<b>Response Percent</b>	<b>Response Total</b>
Pharmacy Residency Program	N/A	2461
Dual Pharmacy Residency – Master’s Program	N/A	67
Pharmacy Master’s Program	N/A	71
MBA Program	N/A	524
JD or Other Law Program	N/A	68
Other Health Professions (MD, DDS, DVM, etc.)	N/A	149
Other Non-Pharmacy Master’s Program	N/A	145
Non-Pharmacy Ph.D. Program	N/A	69
Fellowship	N/A	202
No Plans for Further Education in the coming year	N/A	6119

**8. Have you borrowed money to help pay for your college expenses in the Pharm.D. degree program?**

	<b>Response Percent</b>	<b>Response Total</b>
Yes	89.2%	8496
No	10.8%	1026

Average amount borrowed (all schools): \$144,718

Median amount borrowed (all schools): \$144,000

Average amount borrowed (public schools): \$120,060

Median amount borrowed (public schools): \$120,000

Average amount borrowed (private schools): \$166,534

Median amount borrowed (private schools): \$165,000

## **Section I: Required Interprofessional Education**

**9. What required curricular activities (didactic or experiential) did you participate in where you had the opportunity to learn with other health professions students? Select all that apply.**

	<b>Response Percent</b>	<b>Response Total</b>
Lectures	N/A	6496
Patient-centered case problems	N/A	6438
Clinical simulations	N/A	5469
Active engagement with patients	N/A	5392
Community projects, service learning	N/A	5294
Team skills training	N/A	4253
Online coursework	N/A	3390
Clinical Labs	N/A	4396
IPPE	N/A	6782
APPE	N/A	8276
Research or Capstone projects	N/A	2397
Other; please specify:	N/A	152
Did not participate in any required interprofessional education activities	N/A	311

**9(a). With which other professions students have you had the opportunity to participate or interact in required educational activities as indicated above? Select all that apply.**

	<b>Response Percent</b>	<b>Response Total</b>
Dentistry	N/A	1440
Nursing	N/A	6367
Occupational therapy	N/A	1670
Osteopathic medicine (DO)	N/A	2687
Allopathic medicine (MD)	N/A	4364
Physical therapy	N/A	2761
Physician assistant	N/A	3655
Psychology	N/A	1072
Public health	N/A	1200
Social work	N/A	2648
Veterinary medicine	N/A	437
Other ; please specify:	N/A	509
Did not participate in any required interprofessional education activities	N/A	1310

**Please indicate the degree in which you agree or disagree with the statement below.**

	<b>Strongly Agree</b>	<b>Agree</b>	<b>Disagree</b>	<b>Strongly Disagree</b>	<b>Unable to Comment</b>
9(b). The learning experience with other professions students helped me gain a better understanding of how to be part of a multi-disciplinary team to improve patient outcomes.	35.7% (3403)	<b>46.6%</b> <b>(4440)</b>	4.5% (426)	2.4% (233)	10.7% (1021)

## Section II: Professional Competencies/Outcomes

Please indicate the degree in which you agree or disagree with whether your Pharm.D. curriculum prepared you for each of the listed professional competencies/outcomes.

The Pharm.D. Program prepared me to...

	Strongly Agree	Agree	Disagree	Strongly Disagree	Unable to Comment
10. communicate with health care providers.	46.6% (4440)	<b>49.4%</b> <b>(4707)</b>	2.8% (266)	0.7% (71)	0.4% (42)
11. communicate with patients and caregivers.	<b>54.5%</b> <b>(5192)</b>	43.3% (4127)	1.3% (125)	0.5% (46)	0.4% (36)
12. gather and use specific information (e.g. patient histories, medical records) to identify patient medication-related problems.	<b>55.6%</b> <b>(5293)</b>	42.5% (4047)	1.3% (120)	0.4% (35)	0.3% (31)
13. develop a patient care plan to manage each medication-related problem.	<b>51.4%</b> <b>(4898)</b>	46.1% (4389)	1.7% (158)	0.5% (46)	0.4% (34)
14. work with the health care team to implement the patient care plan.	43.1% (4106)	<b>50.6%</b> <b>(4825)</b>	4.7% (449)	0.8% (76)	0.7% (69)
15. document pharmaceutical care activities.	43.3% (4129)	<b>51.3%</b> <b>(4886)</b>	3.9% (372)	0.7% (64)	0.8% (73)
16. interpret epidemiologic data relevant to specific diseases and their management.	30.6% (2915)	<b>57.4%</b> <b>(5470)</b>	9.0% (854)	1.3% (128)	1.7% (159)
17. interpret economic data relevant to treatment of disease.	24.2% (2308)	<b>54.7%</b> <b>(5212)</b>	16.0% (1526)	2.7% (253)	2.4% (227)
18. manage the system of medication use to affect patients.	38.1% (3627)	<b>54.8%</b> <b>(5217)</b>	4.2% (404)	0.7% (64)	2.2% (214)
19. identify and use risk reduction strategies to minimize medication errors.	40.3% (3844)	<b>53.4%</b> <b>(5086)</b>	4.5% (429)	0.7% (70)	1.0% (96)
20. provide patient care in accordance with legal, ethical, social, economic, and professional guidelines.	47.1% (4488)	<b>49.7%</b> <b>(4738)</b>	2.1% (196)	0.5% (49)	0.6% (54)
21. work with other stakeholders (e.g. patients and other health professionals) to engender a team approach to assure appropriate use of health care resources in providing patient care.	38.0% (3616)	<b>53.6%</b> <b>(5105)</b>	6.2% (593)	1.0% (96)	1.2% (116)
22. interpret and apply drug use policy and health policy.	32.8% (3129)	<b>55.9%</b> <b>(5327)</b>	8.2% (777)	1.2% (111)	1.9% (181)
23. work with other stakeholders (e.g. patients and other health professionals) to identify and resolve problems related to medication use.	40.5% (3854)	<b>53.4%</b> <b>(5090)</b>	4.3% (407)	0.9% (83)	1.0% (92)
24. promote wellness and disease prevention services.	<b>49.6%</b> <b>(4722)</b>	47.5% (4528)	1.9% (181)	0.4% (41)	0.6% (54)



25. practice pharmacy in interprofessional and collaborative practice settings.	<b>48.0%</b> <b>(4575)</b>	47.1% (4489)	3.5% (329)	0.8% (76)	0.6% (57)
26. search the health sciences literature	<b>52.1%</b> <b>(4965)</b>	44.6% (4245)	2.2% (214)	0.6% (61)	0.4% (41)
27. evaluate the health sciences literature	<b>48.1%</b> <b>(4586)</b>	46.8% (4463)	3.6% (344)	0.9% (85)	0.5% (47)
28. reflect critically on personal skills and actions and make plans to improve when necessary.	46.1% (4395)	<b>49.6%</b> <b>(4727)</b>	2.9% (278)	0.7% (68)	0.6% (58)
29. accept and respond to constructive feedback.	<b>48.4%</b> <b>(4613)</b>	47.2% (4492)	3.0% (285)	0.8% (76)	0.6% (60)

### **Section III: Doctor of Pharmacy Curriculum**

The following statements refer to the curriculum of the Doctor of Pharmacy program at your college/school of pharmacy and/or your experiences with the curriculum. Please indicate the degree to which you agree or disagree with each statement.

	Strongly Agree	Agree	Disagree	Strongly Disagree	Unable to Comment
30. The sequence of courses was appropriate to build my knowledge and skills.	32.2% (3071)	<b>55.9%</b> <b>(5326)</b>	9.3% (887)	1.9% (182)	0.6% (60)
31. I developed the skills needed to prepare me for continued learning after graduation.	42.6% (4062)	<b>52.9%</b> <b>(5043)</b>	2.9% (280)	0.7% (62)	0.8% (80)
32. I was provided opportunities to engage in active learning (e.g., laboratories, recitations, student portfolios, problem-based learning, in-class activities).	<b>49.1%</b> <b>(4675)</b>	47.6% (4535)	2.3% (221)	0.4% (39)	0.6% (57)
33. I was encouraged to ask questions in class.	39.9% (3802)	<b>51.0%</b> <b>(4861)</b>	6.7% (641)	1.2% (116)	1.1% (107)
34. Pharmacy-related elective courses met my needs as a Pharm.D. student.	36.4% (3464)	<b>50.0%</b> <b>(4766)</b>	9.6% (911)	2.5% (242)	1.5% (144)
35. Course loads were reasonable.	29.0% (2759)	<b>58.8%</b> <b>(5602)</b>	9.3% (890)	2.2% (211)	0.7% (64)
36. The program included opportunities to develop professional attitudes, ethics and behaviors.	44.1% (4203)	<b>50.8%</b> <b>(4837)</b>	3.4% (328)	0.9% (88)	0.7% (71)

### Section IV: Pharmacy Practice Experiences

The following statements refer to your introductory pharmacy practice experiences. Introductory pharmacy practice experiences include any rotations that occur prior to the final professional year in the curriculum and may include activities such as shadowing of practitioners, interviews with real patients, and/or service learning.

	Strongly Agree	Agree	Disagree	Strongly Disagree	Unable to Comment
37. My introductory pharmacy practice experiences were valuable in helping me to prepare for my advanced pharmacy practice experiences.	27.8% (2648)	<b>53.9%</b> <b>(5132)</b>	13.7% (1308)	3.9% (369)	0.7% (70)
38. My introductory pharmacy practice experiences permitted my involvement in direct patient care responsibilities in both community and institutional settings.	28.6% (2726)	<b>52.6%</b> <b>(5007)</b>	14.8% (1408)	3.3% (316)	0.7% (69)
39. The sites available for introductory pharmacy practice experiences were of high quality.	28.7% (2730)	<b>54.8%</b> <b>(5225)</b>	12.1% (1154)	2.9% (281)	1.4% (136)
40. The process by which I was assigned sites for introductory pharmacy practice experiences was fair.	31.8% (3032)	<b>55.9%</b> <b>(5328)</b>	7.0% (668)	3.1% (292)	2.2% (207)

The following statements refer to your advanced pharmacy practice experiences. Advanced pharmacy practice experiences form the core of the final professional year of the curriculum.

	Strongly Agree	Agree	Disagree	Strongly Disagree	Unable to Comment
41. In the community pharmacy setting, I was able to apply my patient care skills.	<b>46.1%</b> <b>(4389)</b>	<b>46.1%</b> <b>(4389)</b>	5.2% (496)	1.4% (138)	1.2% (110)
42. In the ambulatory care setting, I was able to apply my patient care skills.	<b>56.5%</b> <b>(5379)</b>	38.3% (3646)	2.7% (256)	1.1% (103)	1.5% (140)
43. In the hospital or health-system pharmacy setting, I was able to apply my patient care skills.	<b>47.7%</b> <b>(4541)</b>	44.5% (4244)	5.4% (510)	1.3% (122)	1.1% (107)
44. In the inpatient/acute care setting, I was able to apply my patient care skills.	<b>52.0%</b> <b>(4950)</b>	43.0% (4092)	2.7% (253)	0.9% (81)	1.6% (148)
45. The need for continuity of care throughout the health care system was emphasized in the advanced pharmacy practice experiences.	<b>47.3%</b> <b>(4508)</b>	47.2% (4493)	3.8% (365)	0.6% (54)	1.1% (103)
46. The variety of the available advanced pharmacy practice experience electives met my needs as a student.	<b>46.3%</b> <b>(4414)</b>	44.6% (4251)	6.0% (567)	2.2% (211)	0.9% (81)
47. I was academically prepared to enter my advanced pharmacy practice experiences.	39.3% (3742)	<b>52.0%</b> <b>(4951)</b>	6.3% (603)	1.4% (138)	0.9% (90)
48. The sites available for advanced pharmacy practice experiences were of high quality.	42.0% (4000)	<b>50.2%</b> <b>(4780)</b>	5.3% (502)	1.4% (132)	1.2% (110)
49. The process by which I was assigned sites for advanced pharmacy practice experiences was fair.	40.9% (3892)	<b>48.5%</b> <b>(4623)</b>	5.9% (561)	3.3% (318)	1.4% (129)

50. Overall, my advanced practice experiences were valuable in helping me to achieve the professional competencies.	<b>51.4%</b> <b>(4897)</b>	44.9% (4279)	2.1% (203)	0.7% (65)	0.8% (80)
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**The following statements refer to your overall (both introductory and advanced) pharmacy practice experiences.**

	<b>Strongly Agree</b>	<b>Agree</b>	<b>Disagree</b>	<b>Strongly Disagree</b>	<b>Unable to Comment</b>
51. My pharmacy practice experiences allowed me to have direct interaction with diverse patient populations (e.g., age, gender, ethnic and/or cultural background, disease states, etc.).	<b>57.5%</b> <b>(5482)</b>	40.2% (3826)	1.4% (136)	0.3% (30)	0.5% (50)
52. My pharmacy practice experiences allowed me to collaborate with other health care professionals.	<b>56.5%</b> <b>(5383)</b>	41.2% (3926)	1.4% (138)	0.3% (27)	0.5% (49)

### **Section V: Student Services**

**Please indicate the degree in which you agree or disagree with the following statements regarding student services.**

	<b>Strongly Agree</b>	<b>Agree</b>	<b>Disagree</b>	<b>Strongly Disagree</b>	<b>Did Not Utilize</b>
53. Academic advising met my needs.	25.7% (2450)	<b>44.1%</b> <b>(4206)</b>	11.5% (1097)	4.4% (422)	14.2% (1352)
54. Career planning and guidance met my needs.	18.3% (1748)	<b>37.6%</b> <b>(3580)</b>	16.3% (1553)	6.1% (579)	21.7% (2067)
55. Tutoring services met my needs.	14.9% (1418)	29.0% (2759)	7.6% (723)	2.7% (255)	<b>45.9%</b> <b>(4371)</b>
56. Financial aid advising met my needs.	19.6% (1871)	<b>43.5%</b> <b>(4142)</b>	11.6% (1102)	6.1% (584)	19.2% (1826)
57. Student health and wellness services (e.g. immunizations, counseling services, campus pharmacy, primary care clinics, etc.) met my needs.	27.1% (2580)	<b>46.8%</b> <b>(4454)</b>	6.8% (647)	3.6% (342)	15.8% (1504)

## Section VI: The Student Experience

Please consider each of the following statements with regard to your experience as a student of the college/school of pharmacy. Please indicate the degree to which you agree or disagree with each statement.

	Strongly Agree	Agree	Disagree	Strongly Disagree	Unable to Comment
58. The college/school of pharmacy provided timely information about news, events and important matters within the college/school of pharmacy.	36.6% (3487)	<b>53.5%</b> <b>(5099)</b>	6.6% (629)	2.3% (217)	1.0% (95)
59. Information was made available to me about additional educational opportunities (e.g., residencies, fellowships, graduate school).	37.7% (3590)	<b>53.0%</b> <b>(5052)</b>	6.5% (616)	1.7% (161)	1.1% (108)
60. The college/school's administration responded to problems and issues of concern to the student body.	28.5% (2713)	<b>52.3%</b> <b>(4984)</b>	11.3% (1080)	4.4% (418)	3.5% (331)
61. I was aware of the process for raising issues with the college/school administration.	26.8% (2550)	<b>53.0%</b> <b>(5046)</b>	13.3% (1264)	3.2% (308)	3.8% (359)
62. I was aware that student representatives served on college/school committees with responsibility for curriculum and other matters.	35.3% (3365)	<b>54.7%</b> <b>(5213)</b>	6.3% (603)	1.9% (185)	1.7% (160)
63. The college/school of pharmacy is welcoming to students with diverse backgrounds.	<b>48.3%</b> <b>(4598)</b>	46.5% (4433)	2.1% (201)	1.3% (120)	1.8% (175)
64. The admissions process of the college/school of pharmacy was well organized.	40.2% (3830)	<b>51.1%</b> <b>(4867)</b>	4.4% (418)	2.0% (187)	2.4% (225)
65. The college/school of pharmacy had a student government that effectively communicated student opinions and perspectives to the faculty or administration.	32.9% (3132)	<b>51.2%</b> <b>(4879)</b>	8.0% (765)	2.8% (265)	5.1% (486)
66. The college/school of pharmacy made use of a variety of means (e.g. course evaluations, student surveys, focus groups, meetings with administrative leaders) to obtain student perspectives on curriculum, student services, faculty/student relationships and other aspects of the program.	39.0% (3713)	<b>51.3%</b> <b>(4889)</b>	6.0% (568)	2.0% (194)	1.7% (163)
67. Faculty, administrators and staff were committed to serving as positive role models for students.	40.0% (3813)	<b>51.2%</b> <b>(4877)</b>	5.2% (494)	2.1% (202)	1.5% (141)
68. Overall, preceptors modeled professional attributes and behaviors in the pharmacy practice experiences.	44.6% (4253)	<b>51.6%</b> <b>(4919)</b>	2.2% (212)	1.0% (92)	0.5% (51)
69. Overall, preceptors provided me with individualized instruction, guidance and evaluation that met my needs as a Doctor of Pharmacy student.	43.4% (4134)	<b>51.7%</b> <b>(4926)</b>	3.2% (303)	1.1% (108)	0.6% (56)
70. I was aware of expected behaviors with respect to professional and academic conduct.	<b>54.2%</b> <b>(5166)</b>	44.0% (4192)	0.8% (77)	0.5% (49)	0.5% (43)
71. The college/school of pharmacy effectively managed academic misconduct by students.	30.8% (2935)	<b>45.1%</b> <b>(4292)</b>	8.0% (763)	4.7% (452)	11.4% (1084)
72. The college/school of pharmacy effectively managed professional misconduct by students.	30.4% (2897)	<b>45.5%</b> <b>(4331)</b>	7.7% (730)	4.5% (428)	11.9% (1138)

73. The college/school's faculty and administration encouraged me to participate in regional, state or national pharmacy meetings.	40.9% (3895)	<b>50.0%</b> <b>(4759)</b>	5.5% (522)	1.6% (149)	2.1% (202)
74. The college/school of pharmacy was supportive of student professional organizations.	46.5% (4432)	<b>48.3%</b> <b>(4601)</b>	2.1% (203)	1.0% (97)	2.0% (193)
75. I was aware of opportunities to participate in research activities with faculty.	30.8% (2935)	<b>46.9%</b> <b>(4470)</b>	14.5% (1378)	4.4% (421)	3.4% (322)

## **Section VII: Facilities, Experiential Sites and Educational Resources**

**The following statements refer to facilities, experiential sites and educational resources. 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>
76. My campus learning environment was safe.	<b>49.2%</b> <b>(4688)</b>	45.9% (4370)	3.2% (304)	1.1% (106)	0.6% (59)
77. The computer and other information technology resources provided by the college/school of pharmacy and/or elsewhere on campus were conducive to learning.	41.5% (3954)	<b>48.2%</b> <b>(4594)</b>	6.6% (633)	2.9% (275)	0.7% (71)
78. The classrooms in the college/school of pharmacy or elsewhere on campus were conducive to learning.	42.5% (4052)	<b>50.0%</b> <b>(4763)</b>	5.4% (510)	1.4% (136)	0.7% (65)
79. The laboratories and other non-classroom environments were conducive to learning.	43.2% (4118)	<b>50.6%</b> <b>(4822)</b>	3.7% (351)	1.2% (115)	1.3% (120)
80. The study areas in the college/school of pharmacy or elsewhere on campus were conducive to learning.	39.1% (3725)	<b>48.0%</b> <b>(4571)</b>	7.9% (757)	3.7% (354)	1.3% (120)
81. The common spaces such as lounges, lobbies or other areas for relaxation and socialization available in the college/school of pharmacy or elsewhere on campus met my needs.	37.7% (3591)	<b>47.0%</b> <b>(4473)</b>	9.6% (915)	4.2% (396)	1.6% (152)
82. On-campus access to educational resources (e.g., library, electronic data bases, drug information center) were conducive to learning.	47.0% (4474)	<b>47.0%</b> <b>(4478)</b>	3.5% (330)	1.7% (160)	0.9% (85)
83. During pharmacy practice experiences access to educational resources (e.g., library, electronic data bases, drug information center) were conducive to learning.	<b>48.3%</b> <b>(4605)</b>	47.2% (4496)	2.6% (251)	1.2% (116)	0.6% (58)

### Section VIII: Overall Impressions

These statements refer to your overall impressions of the college/school and the profession of pharmacy. Please indicate the degree to which you agree or disagree with each statement.

	Strongly Agree	Agree	Disagree	Strongly Disagree	Unable to Comment
84. I am prepared to enter pharmacy practice.	41.8% (3983)	<b>53.1%</b> <b>(5060)</b>	3.3% (311)	0.6% (59)	1.2% (114)
85. If I were starting my college career over again I would choose to study pharmacy.	<b>41.2%</b> <b>(3923)</b>	40.6% (3872)	10.1% (965)	3.9% (374)	4.1% (393)
86. If I were starting my pharmacy program over again I would choose the same college/school of pharmacy. (If you select disagree or strongly disagree please indicate the reason why in the comment box at the end of this section.)	41.1% (3915)	<b>41.5%</b> <b>(3957)</b>	8.6% (819)	5.3% (502)	3.5% (334)
87. I would recommend a career in pharmacy to a friend or relative.	36.6% (3484)	<b>43.0%</b> <b>(4094)</b>	12.0% (1147)	4.1% (395)	4.3% (406)