

## 2018 AACP Alumni Survey

### UNC Eshelman School of Pharmacy – Comparison Summary Report

Peer institutions included in this comparison (n=6): University of California, San Francisco; University of Florida; University of Kansas; University of Kentucky; University of Texas at Austin; University of Wisconsin-Madison

Peer institutions not included in this comparison (n=6): Ohio State University; University of Arizona; University of Illinois-Chicago; University of Michigan – Ann Arbor; University of Minnesota; University of Washington - Seattle

**2015 UNC Response Rate: 20.36% (total number of responses: 112/550)**

**2018 UNC: Response Rate: 22.12% (total number of responses: 144/651)**

**Peer Schools (n=6): Response Rate: 18.03% (total number of responses: 719/3,987)**

**All Schools (n=75): Response Rate: 10.61% (total number of responses: 3,699/34,861)**

#### Development/Communication

	2015 UNC	2018 UNC	Peers	National
13. The college/school communicates effectively with alumni about college/school activities.	3.16 ± 0.68	3.00 ± 0.64	3.02	3.01
14. The current Dean is providing leadership in pharmacy.	3.43 ± 0.65	3.28 ± 0.58	3.27	3.23
15. The current Dean encourages alumni to stay involved	3.08 ± 0.72	3.08 ± 0.71	3.07	2.99

#### When I was a student...

	2015 UNC	2018 UNC	Peers	National
16. The faculty displayed respect for their colleagues and students.	3.54 ± 0.64	3.58 ± 0.54	3.42	3.40
17. Faculty, administrators and staff served as positive role models for students.	3.61 ± 0.68	3.63 ± 0.53	3.44	3.44
18. I knew what the program outcomes were.	3.44 ± 0.72	3.51 ± 0.57	3.36	3.38
19. The curriculum provided opportunities to engage in active learning (e.g., laboratories, recitations, student portfolios, problem-based learning).	3.60 ± 0.65	3.67 ± 0.49	3.44	3.48
20. I was encouraged to assume responsibility for my own learning.	3.63 ± 0.54	3.71 ± 0.50	3.58	3.56
21. I was academically prepared to enter my advanced pharmacy practice experiences.	3.40 ± 0.70	3.66 ± 0.55	3.47	3.43
22. The curriculum prepared me to enter my first pharmacy job.	3.29 ± 0.81	3.52 ± 0.64	3.36	3.32
23. Information was made available to me about additional educational opportunities (e.g., residencies, fellowships, graduate school).	3.57 ± 0.69	3.51 ± 0.68	3.37	3.35
24. Elective didactic courses permitted exploration of and/or advanced study in areas of professional interest.	3.34 ± 0.72	3.50 ± 0.63	3.16	3.26
25. My pharmacy practice experiences were of high quality.	-----	3.59 ± 0.52	3.36	3.34

## Curriculum

	<i>2015 UNC</i>	<i>2018 UNC</i>	<i>Peers</i>	<i>National</i>
<b><i>Domain 1: Foundational Knowledge</i></b>				
26. Apply knowledge from the foundational pharmaceutical and biomedical sciences to the provision of patient care.	-----	3.64 ± 0.52	3.39	3.39
27. Apply knowledge from the clinical sciences to the provision of patient care.	-----	3.69 ± 0.48	3.46	3.45
28. Evaluate scientific literature. <sup>+</sup>	3.45 ± 0.76	3.65 ± 0.51	3.27	3.29
<b><i>Domain 2: Essentials for Practice</i></b>				
29. Provide medication expertise as part of patient-centered care.	-----	3.76 ± 0.43	3.53	3.50
30. Optimize the safety and efficacy of medication use systems (e.g., dispensing, administration, effects monitoring) to manage patient healthcare needs. <sup>+</sup>	3.35 ± 0.71	3.61 ± 0.56	3.41	3.42
31. Design strategies to manage chronic disease and improve health and wellness.	-----	3.68 ± 0.47	3.46	3.44
32. Assess the health needs of a given patient population.	-----	3.53 ± 0.59	3.35	3.37
33. Provide patient-centered care based on evidence-based practices.	-----	3.75 ± 0.45	3.50	3.49
<b><i>Domain 3: Approach to Practice and Care</i></b>				
34. Design, implement and evaluate viable solutions to patient care problems.	-----	3.63 ± 0.51	3.38	3.38
35. Use effective strategies to educate patients, healthcare professionals and caregivers to improve patient care.	-----	3.64 ± 0.51	3.46	3.45
36. Advocate for the patient's best interest.	-----	3.55 ± 0.61	3.45	3.47
37. Engage as a member of an interprofessional healthcare team. <sup>+</sup>	3.59 ± 0.61	3.65 ± 0.56	3.44	3.45
38. Identify cultural disparities in healthcare.	-----	3.23 ± 0.77	3.25	3.30
39. Recognize and address cultural disparities in access to and delivery of health care.	-----	3.25 ± 0.82	3.20	3.28
40. Effectively communicate (verbal, non-verbal, written) when interacting with individuals, groups and organizations.	-----	3.68 ± 0.53	3.44	3.47
<b><i>Domain 4: Personal and Professional Development</i></b>				
41. Examine and reflect on how my behavior and choices affect my personal and professional growth.	-----	3.55 ± 0.62	3.35	3.39
42. Accept responsibility for creating and achieving shared goals.	-----	3.59 ± 0.58	3.41	3.43
43. Develop new ideas and approaches to practice.	-----	3.49 ± 0.63	3.27	3.27
44. Act in a manner consistent with the trust given to pharmacists by patients, other healthcare providers and society.	-----	3.69 ± 0.49	3.55	3.54

<sup>+</sup> 2015 AACP Alumni Survey item aligned in content using modified language compared to 2018 AACP Alumni Survey item.

## General Impressions

	<i>2015 UNC</i>	<i>2018 UNC</i>	<i>Peers</i>	<i>National</i>
45. If I were starting my education over today, I would choose pharmacy as a career.	3.06 ± 0.92	3.14 ± 0.85	3.05	3.03
46. If I were starting my education over today, I would choose the same college/school of pharmacy.	3.61 ± 0.75	3.65 ± 0.68	3.50	3.31
47. I received a high quality pharmacy education.	3.64 ± 0.64	3.80 ± 0.42	3.60	3.49

Items measured on a four-point Likert scale, ranging from (1) Strongly Disagree to (4) Strongly Agree unless noted.

“Unable to comment” was an answer choice and has been excluded from analyses.

Item means from UNC (mean ± SD), peer institutions, and all participating Schools of Pharmacy are provided.

## Demographic Information

	<i>2015 UNC</i>	<i>2018 UNC</i>	<i>Peers</i>	<i>National</i>
<b>1. Year of Graduation:</b>				
2017	-----	25.7%	25.3%	28.0%
2016	-----	16.7%	20.6%	22.9%
2015	-----	20.1%	22.3%	22.5%
2014	31.0%	16.7%	15.0%	13.4%
2013	20.4%	20.8%	16.8%	13.3%
<b>2. Please check the option below that best describes the learning environment in which you were enrolled:</b>				
Main campus	96.5%	91.7%	79.0%	88.3%
Distance/Satellite Branch campus (enter city, state)	2.7%	8.3%	16.3%	10.7%
Web-based program	0.9%	0.0%	4.7%	1.1%
<b>3. In addition to receiving your Pharm.D. degree, have you completed or are you currently pursuing any type of postgraduate education/training:</b>				
Yes	61.9%	56.9%	39.5%	39.0%
No	38.1%	43.1%	60.5%	61.0%
<b>4. If the answer to Question #3 above is “Yes”; please check all that apply.<sup>a</sup></b>				
Master’s; please specify type: <sup>+</sup>	15.7%	19.5%	6.5%	8.2%
Other Professional Doctorate (JD, M.D., D.D.S.)	2.8%	0.0%	0.3%	0.5%
Ph.D.	4.3%	3.7%	0.8%	0.8%
Residency in Pharmacy Practice (any type)	78.6%	68.3%	30.0%	27.6%
Specialty Residency (e.g., Drug Information, Pediatric Primary care)	38.6%	30.5%	13.1%	11.9%
Fellowship	12.8%	23.2%	2.1%	3.2%
Other; please specify type:	2.8%	7.3%	2.9%	3.1%
<b>5. What is your level of involvement with the school or college?<sup>+</sup></b>				
None	71.7%	29.2%	35.9%	34.7%
Minimal	26.5%	43.8%	41.3%	40.1%
Moderate	0.9%	18.8%	17.2%	19.0%
Heavy	0.9%	8.3%	5.6%	6.1%
<b>6. To what extent are you employed in pharmacy? (Check all that apply)<sup>a</sup></b>				
Part-time	8.0%	6.9%	8.1%	7.5%
Full time (35 hrs & above)	80.5%	81.9%	87.1%	86.9%
Not currently practicing	3.5%	6.9%	3.5%	4.7%
No longer in pharmacy profession	1.8%	0.7%	0.5%	0.6%
Student (post graduate education/training)	15.0%	9.7%	4.4%	4.6%
<b>7. In which state are you primarily practicing?</b>				
North Carolina	57.7%	56.6%	1.3%	4.9%
<b>8. In what type of setting are you primarily practicing or employed?<sup>a</sup></b>				
Chain community pharmacy	22.1%	21.5%	26.8%	32.9%
Independent community pharmacy	8.0%	4.2%	10.4%	9.0%
Hospital	45.1%	37.5%	39.4%	35.7%
Clinic-based pharmacy	8.8%	13.9%	10.6%	10.2%
Consultant	1.8%	2.8%	2.1%	2.0%
Home care	1.8%	0.0%	1.3%	0.6%
Nursing home/Long-term care facility	1.8%	1.4%	2.5%	2.4%
Academia	9.7%	9.0%	5.1%	5.4%
Association management	0.0%	0.0%	0.3%	0.2%
Pharmaceutical industry	6.2%	12.5%	1.7%	3.6%
Managed care	0.9%	2.8%	4.9%	3.2%
Government or regulatory agency	5.3%	2.1%	3.2%	3.3%
Other Pharmacy Related Field; please specify: <sup>+</sup>	5.3%	4.9%	6.8%	5.8%
Non-Pharmacy related field; please specify: <sup>+</sup>		0.0%	0.6%	0.4%
Not currently employed	0.0%	2.8%	2.5%	2.8%

Items measured on a four-point Likert scale, ranging from (1) Strongly Disagree to (4) Strongly Agree unless noted.

“Unable to comment” was an answer choice and has been excluded from analyses.

Item means from UNC (mean ± SD), peer institutions, and all participating Schools of Pharmacy are provided.

9. In which pharmacy organization are you currently a member? (Check all that apply) <sup>a</sup>					
	APhA	32.7%	27.1%	25.5%	29.0%
	ASHP	42.5%	36.8%	26.6%	26.2%
	AMCP	0.9%	2.8%	2.9%	2.1%
	AACP	5.3%	8.3%	1.3%	2.9%
	ACCP	29.2%	21.5%	13.2%	11.5%
	ASCP	0.9%	1.4%	1.8%	1.5%
	NCPA	5.3%	5.6%	2.8%	2.9%
	State Pharmacy Association	28.3%	38.9%	30.6%	28.6%
	Other; please specify:	11.5%	11.1%	13.5%	11.3%
	None	27.4%	33.3%	36.4%	38.0%
10. In the pharmacy organization with which you are most engaged, how would you assess your level of involvement?					
	Minimal (occasionally attend meetings)	71.6%	64.6%	71.6%	73.8%
	Moderate (regularly attend meetings, occasionally serve on committees)	17.3%	17.7%	20.6%	17.7%
	Heavy (regularly serve on committees and/or serve as an officer)	11.1%	17.7%	7.9%	8.5%
11. Are you currently serving, or have you served in the past as a preceptor for any pharmacy students?					
	Yes	22.1%	50.7%	51.0%	47.0%
	No	77.9%	49.3%	49.0%	53.0%

<sup>a</sup> 2015 AACP Alumni Survey item aligned in content using modified language compared to 2018 AACP Alumni Survey item.

<sup>a</sup>Check all that apply item; percent reported may exceed 100.0%.