



Implementation and evaluation of a resident-run residency preparatory program for fourth year pharmacy students at an academic medical center

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Background

Needs Assessment

- With the increased interest in residency programs nationwide, and a large number of candidates going unmatched, the application process has become increasingly complex
- Insight from residents has been found to be particularly useful as expressed by students in reports of residency panels at pharmacy schools

A Novel Preparation Program

- Experience and recent articles highlight student-coordinated residency panels
- Little has been shared to encourage residents and residency programs to coordinate preparatory programs for local students

Institutional characteristics

- Wake Forest Baptist Health (WFBH) maintains rotations for 4th years student pharmacists from two schools of pharmacy in the state
- Students and faculty expressed limited resource and time spent prior to rotations discussing the most appropriate preparation for the residency attainment process

Objective

The objective of this program was to assist students in preparing to apply for residencies and offer an opportunity to improve the teaching experience of residents in our program.

Planning and Implementation

Coordinating with Faculty

- Residents communicated and worked with pharmacy school clinical faculty to plan optimal times for series sessions and communicate with students
- Faculty were able to offer incentive to students to attend events in order to promote residency training, and regularly attended sessions to help offer further insight and guidance

Evaluating Impact

- A survey was given to students prior to and after the presentation series to gauge the usefulness of the information provided
- The survey was designed to identify student professional interests to gauge interest in residency and evaluate the students' understanding of various points in the residency application process, including:
 - Resources retrieval and evaluation
 - Asking for letters of recommendation
 - Residency program evaluation
 - Creating CV
 - Navigating local and national showcases
 - Writing a letter of intent
 - Submitting applications and PhORCAS
 - Interviewing
 - Ranking and the Match
 - Preparing for the Scramble

Series Design

- Pharmacy residents at our institution planned and implemented a five part presentation series for fourth year students to offer guidance through the residency application process
- Each presentation focused on particular points and was planned so that students received information in a just-in-time manner

Results

Just-in Time Series



Student Participants

	Pre-Survey	Post-Survey
School A responses	10	2
School B responses	6	4
Total responses	16	6

Pre-Survey Assessment	School A (mean score)	School B (mean score)	Total (mean score)
Current interest in residency	4	3.83	3.92
Understanding of application process	2.61	2.75	2.68
Confidence in application process	1.95	2.08	2.01

Identified barriers to residency via administered survey

<ul style="list-style-type: none">• Competition• Fear of not matching• Rejection from programs• Geographic restrictions	<ul style="list-style-type: none">• 10 years of higher education• Desire to start a career• Overwhelmed by the amount of information on residency	<ul style="list-style-type: none">• Relationships• 2 year commitment for specialty interests• Family obligations• Financial concerns
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Student Preparedness

Confidence in aspects of the application process (1= least confident, 4=most confident)	Pre-Series Survey (n=16)	Post-Series Survey (n=6)
Resource retrieval (mean, range)	2.77	4
Asking for letters of rec (mean, range)	2.8	4
Program evaluation (mean, range)	2.38	3.94
Creating your CV (mean, range)	2.89	3.94
Navigating State Showcases (mean, range)	2.56	3.81
Navigating National Showcases (mean, range)	2.33	3.75
Navigating PPS (mean, range)	1.36	No responses
Writing a letter of intent (mean, range)	1.88	3.75
Submitting applications/PhORCAS (mean, range)	2.18	3.94
Interviewing (mean, range)	2.40	3.56
Ranking and the Match (mean, range)	2.31	3.94
Preparing to Scramble (mean, range)	1.43	3.69

Summary

- Students and faculty at an medical center were interested in participating in a residency prep series coordinated by residents
- Through a resident-coordinated prep series students were educated on crucial elements of the residency attainment process
- Participation in the prep series was able to be incorporated into the residency teaching certificate program
- Further study into Match outcomes will be performed to measure the impact of insight gained through this prep series

References

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