

Evaluation of Resources Provided to Preceptors in Pharmacy Residency Programs



Vivienne Hsu, BScH; Jacqueline Kwok; Karen Dahri BSc(Pharm), ACPR, PharmD; Sue Corrigan BSc(Pharm), ACPR, PharmD

Background & Rationale

- Preceptors of pharmacy residents are an essential component to any residency program
- Continual support and training of preceptors will ensure the success of pharmacy residents

Current Level of Service

- Current preceptor resources include access to information via the Lower Mainland Pharmacy Services (LMPS) residency website
- Information provided is brief with links to external resources
- Content includes the following categories: New Preceptor Orientation and Preceptor Development
- New Preceptor Orientation:
 - Practitioners are referred to external resources to complete online preceptor training courses
- Preceptor Development:
 - Topics include the following: Resources to Develop Your Precepting Skills; Advance Precepting; and Toxic Preceptor Behaviors
- UBC Office of Experiential Education (OEE) offers Practice Educator Workshops but the focus is on precepting pharmacy students (example topic: teaching and learning models)

Methods

- Literature search conducted in MEDLINE and EMBASE
- An environmental scan of preceptor resources provided by other residency programs in Canada was executed
- LMPS pharmacists surveyed to assess their current level of resource use; their preferred modality of preceptor development; and barriers that prevent them from precepting

Environmental Scan Findings

- Environmental scan included email correspondences with 33 residency programs across Canada
- 10 programs responded

Table 1: Summary of Responses

Resources provided by other Canadian Residency programs	Count = 10
Preceptor Training Courses (primarily online modules)	7 (70%)
Guest Speaker Talks (example topic: "The Learner in Difficulty")	1 (10%)
Facilitated group discussions	1 (10%)
"Coached Preceptorships Sessions" where feedback can be received from preceptorship coaches	1 (10%)

Figure 1: Baseline Characteristics

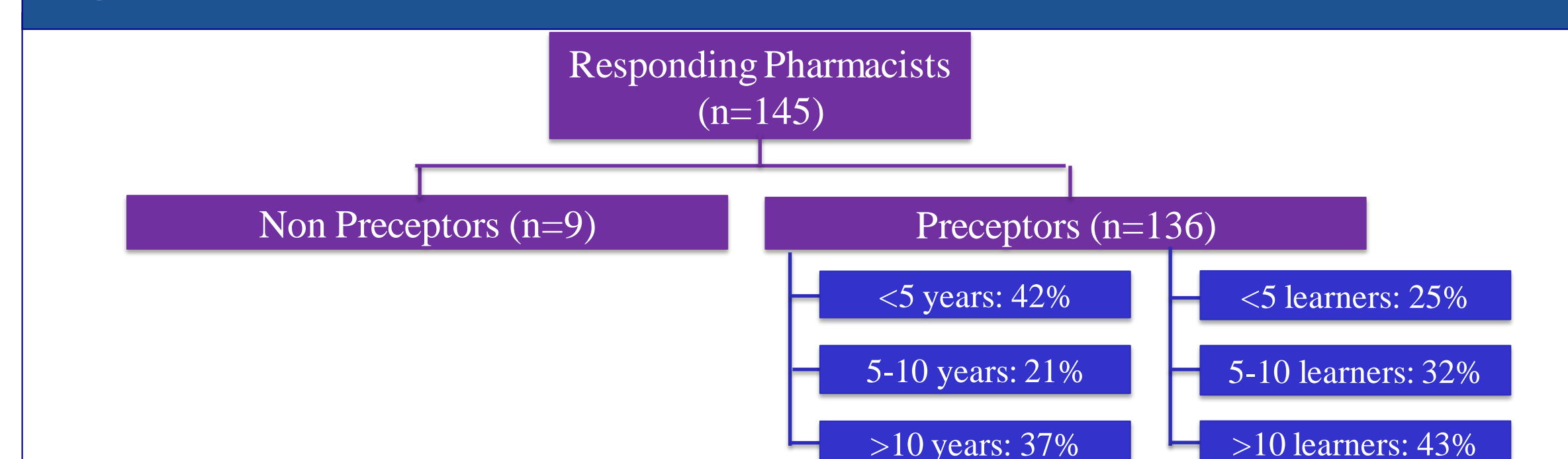


Table 2: Types of Learners Precepted by Pharmacists

Types of Pharmacy Learners Precepted (More than one learner type could be selected by respondents)	Count
Bachelor of Science in Pharmacy Student	110 (34%)
Entry-to-Practice PharmD Student	71 (22%)
Pharmacy Resident	106 (32%)
Post-Graduate PharmD Student	41 (13%)

Table 3: Resources Preferred by Non-Preceptors

Resources	Count
On-Site Preceptor Workshop	8 (26%)
Preceptor Help Website	5 (16%)
Site Specific Preceptor Manual	5 (16%)
1-on-1 Training with an Experienced Preceptor	4 (13%)
Online Preceptor Training Module	4 (13%)
Example Videos	3 (10%)
Lunch Talks	2 (7%)
LMPS Residency Website	0 (0%)
UBC Office of Experiential Education Website	0 (0%)

Figure 2: Top perceived challenge and most commonly perceived challenge by preceptors when asked to rank all applicable options (n= 118 respondents)

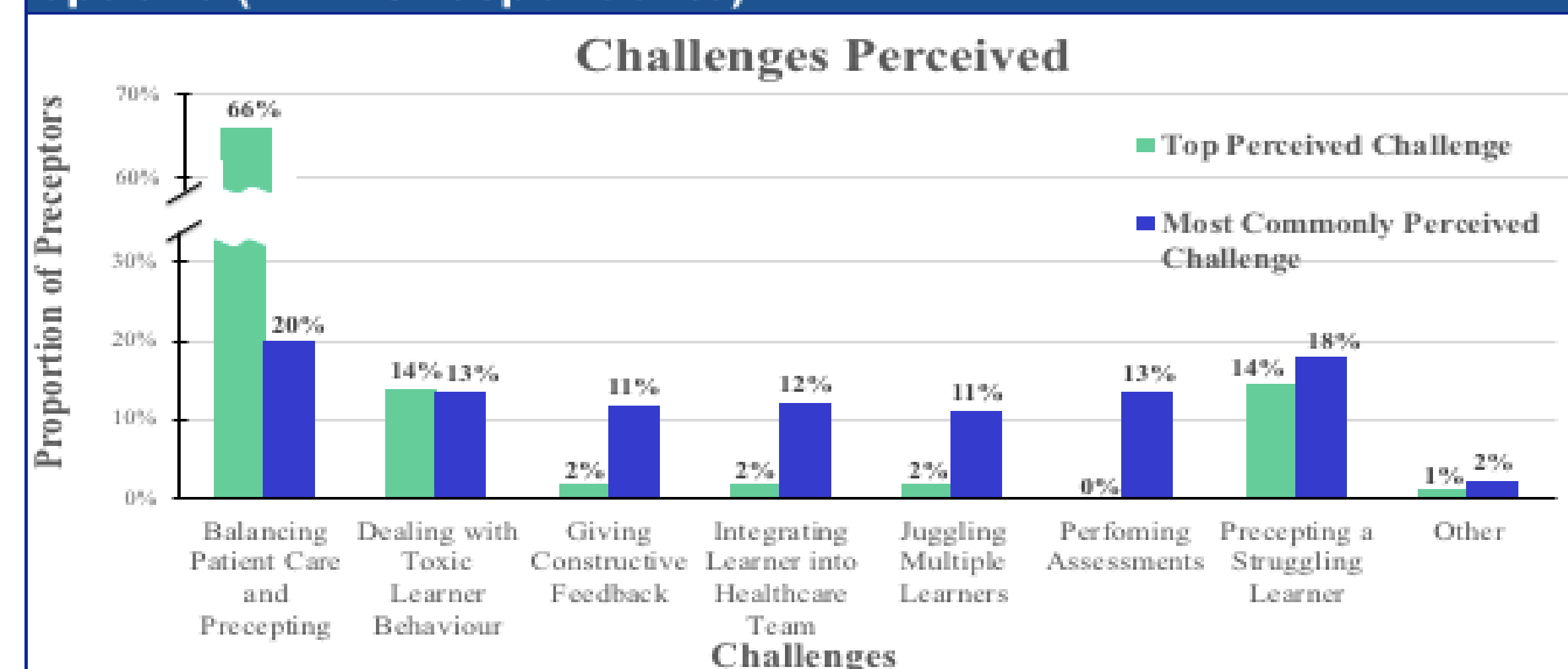


Figure 3: Resources available that preceptors had accessed, not accessed, or were not aware of (n= 118 respondents)

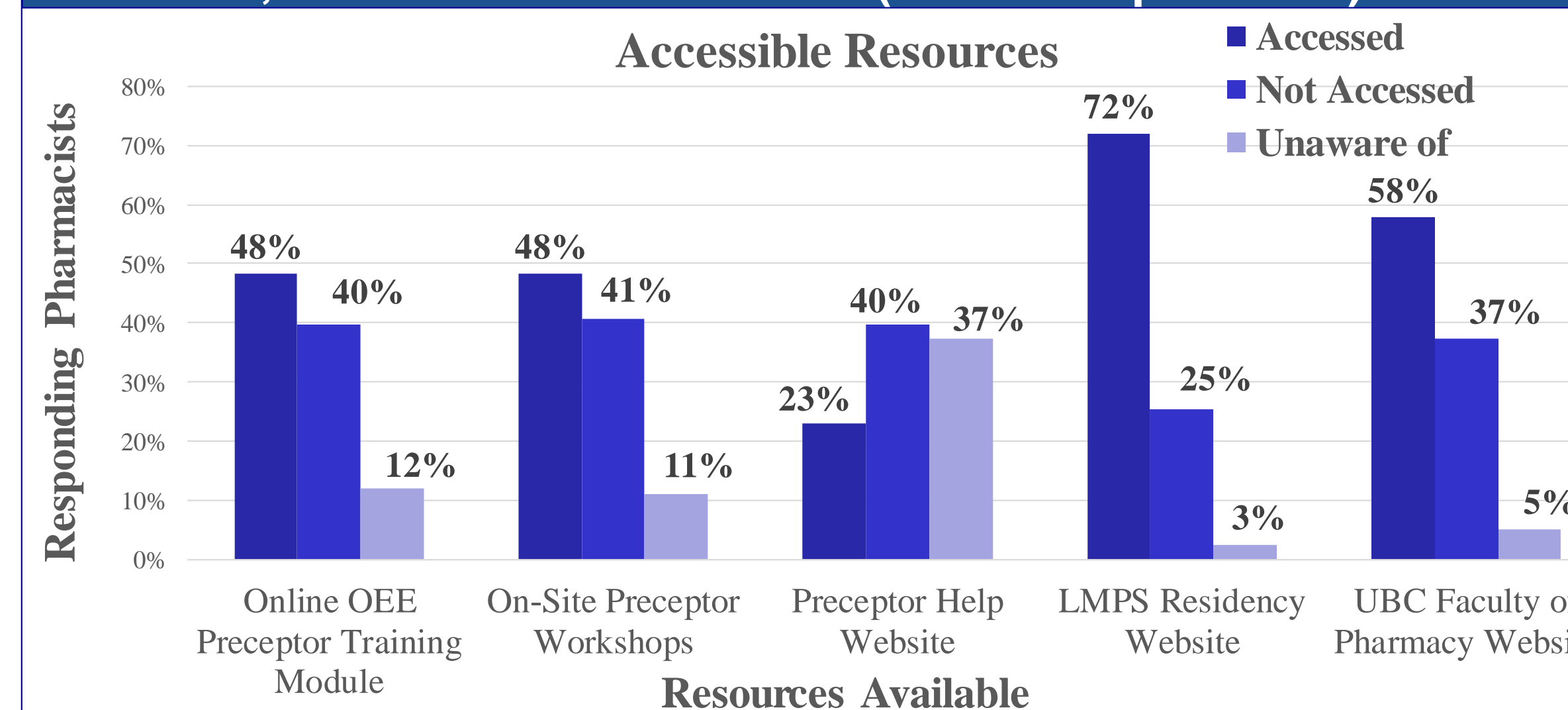


Figure 4a: Resources that preceptors have accessed and found useful and unaccessed or unknown resources that would be considered in the future. 4b: Overall satisfaction with accessed resources. (n= 117 respondents)

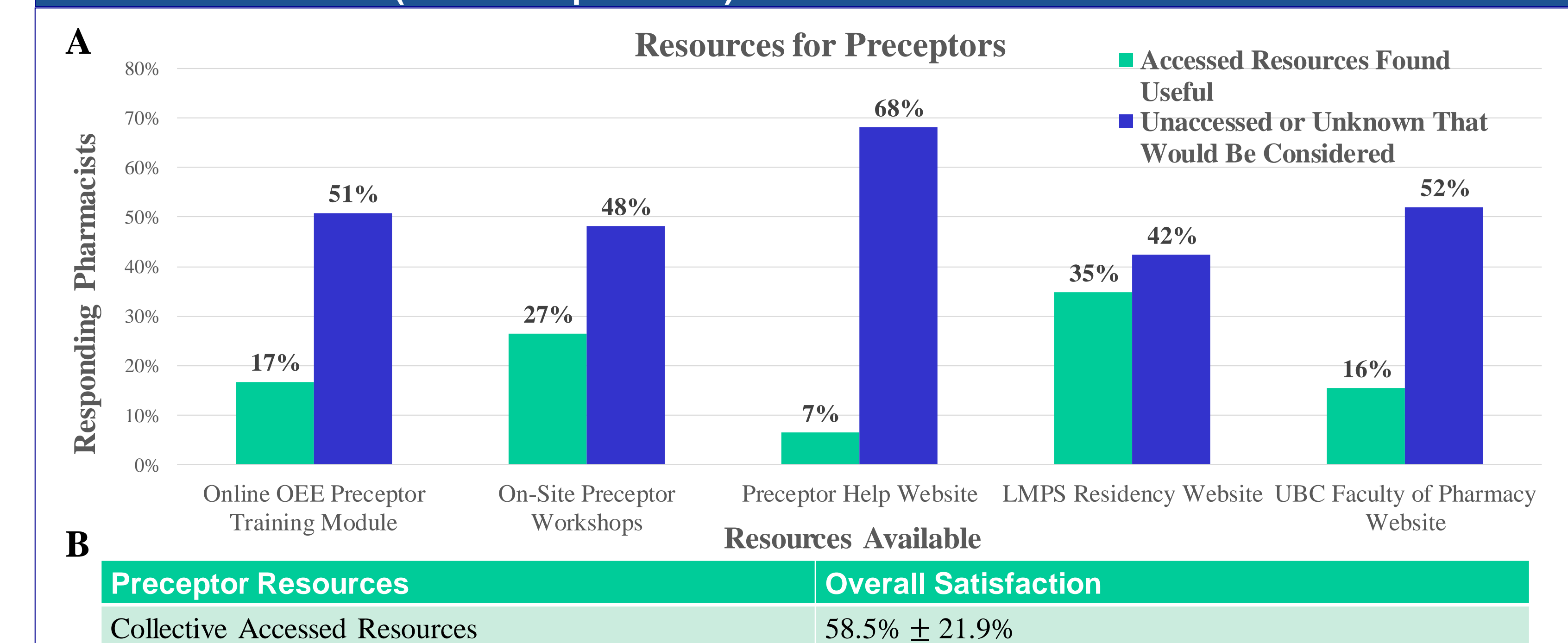
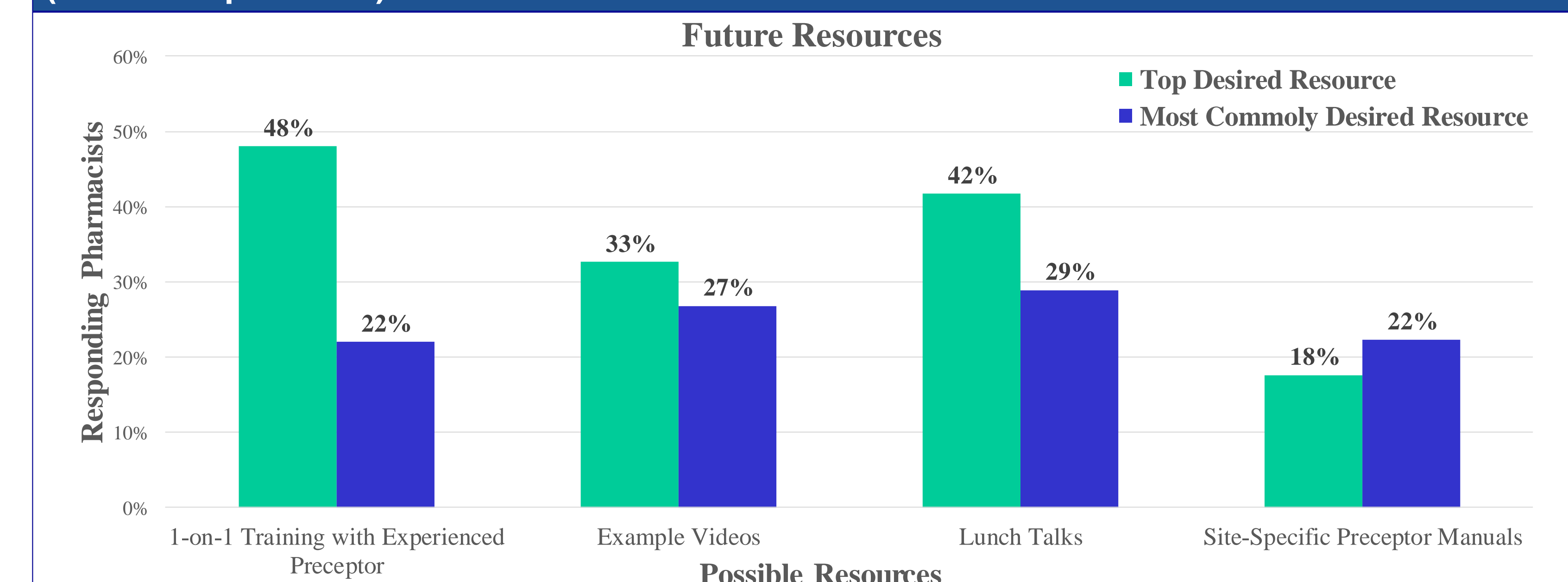


Figure 5: Most desired resource and most commonly desired resource by preceptors (n= 117 respondents)



Other Suggestions Gathered from Survey

- Tiered learning model
- Round table discussions/hang-outs/group learning
- Updated manuals for both preceptors and residents

Limitations

- Small sample size from non-preceptors (n=9)
- Varied interpretation of survey questions

Conclusions

- The top perceived challenge was balancing patient care workload and precepting
- Most accessed resource that was found useful was LMPS Residency Website
- Top desired resource is 1-on-1 Training with Experienced Preceptor
- Overall satisfaction with resources was 58.5%

Importance to Future Practice

- Results of this evaluation will inform future preceptor support initiatives considered by the LMPS Residency Advisory Council and improve the current level of preceptor resources