



Supporting Residents in Research

Please provide a description of the practice or copy of the tool and indicate how this practice/tool is linked to Accreditation Standards.

Our program utilizes two residency project advisors, each with expertise in research, to guide and support our residents and project preceptors through the project process. This aim is achieved by conducting a series of seminars and workshops on research topics for the residents, working with project preceptors and residents to refine the scope of the research questions, assisting the residents in forming their project panel, providing ongoing feedback through proposal development and ethics submission, and finally, in data analysis and manuscript preparation. The project advisors work in tandem with the project preceptor and provide support to the resident and preceptor as required. The advisors also serve as a resource for the preceptors. This program directly supports the resident in achieving competency in Project Management (3.6) as well as providing a process to provide initial selection, ongoing review and support of all residency projects (2.2.2.4).

Residency Research Advisor (RRA) – Calendar of Events

Activity	Month	Details
Solicitation of ideas (template) Preceptor Workshop	April	Form facilitates preceptors thinking through project proposals
Review of Ideas submitted and contact of preceptors to clarify / develop projects	May	Helps identify and fix potential problem with project prior to projects getting to the residents
Organize speed dating (preceptor meeting) Meeting with resident (1 st week) - Discuss projects, role of RRA, preceptors, panels Organize Workshop series	July	Residents have an opportunity to talk to preceptor about projects
Meet with residents to discuss project selection after meetings with potential preceptors	July/August	

Activity	Month	Details
Research retreat (half day – all residents)	August	<p>Presentation: Developing a research question</p> <p>Each resident prepares a short presentation outlining their literature search and background for their project</p> <p>Feedback is given to residents by both RRAs</p>
Create project panels	August	<p>Project panels include: preceptor, RRAs and 2-3 other member of varying expertise.</p> <p>Panels are put together with the project preceptor.</p>
Project panel meeting - Initiation	September	Residents prepare their background and point form proposal for discussion with panel
Research Seminar - Methodology	September	<p>Each resident prepares short presentation on proposed methodology</p> <p>Feedback is given to residents by expert presenter</p>
Project panel – proposal review with feedback	October	Usually email correspondence
Research Seminar – Data Collection and management	January	Presentation by research expert
Project panel meeting – 1 month prior to project month update	April / March	Ensure the resident is ready to go for their major project time
Project panel meeting – presentation of results and feedback	May/June	
Research Seminar – Data Dissemination and Publication	May	<p>Each resident prepares an abstract of their project</p> <p>Feedback is given to residents by expert presenter</p>
Project panel – manuscript review with feedback	June/July	

Activity	Month	Details
Project presentations – local	June	
Project presentations – provincial	June	
Miscellaneous communications with residents <ul style="list-style-type: none"> - Email updates - Answering questions - Dealing problems - 	All-year	
Program administration: manual, readings, Terms of Reference, RAC meetings, coordinator meetings, meetings with preceptors		

These times assume single meetings at each time point. Often more than one meeting is required, as well as multiple drafts of proposals and manuscripts require review and feedback. If a project has significant problems, significantly more time may need to be

Research Seminars – formalized workshops designed to be interactive and planned at specific times of year corresponding with where the resident is at with their research project. Also acts as “mini” deadlines to keep the project moving along.

Why did your program decide to implement this practice/tool?

The residency research project is often one of the most stressful components of the program for residents and project preceptors alike. Our program saw this as an opportunity to utilize existing research experience to achieve several objectives. First, we wanted to provide consistent and experienced support for residents for their research projects. Second, we wanted to work towards developing and promoting high quality projects to increase potential impact to our program and potential for publication. Finally, we saw this as a way to increase comfort among residents, many of whom are future staff members, in the area of practice-based research, and therefore grow a potential pool of future project preceptors or researchers within our department.

What makes this practice/tool creative and innovative?

We feel this program is creative and innovative in the way we bring research experts and all of our residents from across the province together to learn and support each other in their research. By leveraging our expertise and pooling our provincial resources, we provide residents with the tools to maximize the quality and impact of their project.

Which processes or educational outcomes has this practice/tool improved in your program?

We have received consistent feedback from residents and preceptors alike that the support provided by this program has greatly assisted the residents in developing and conducting quality research, and reduced some of the stress projects can bring.

Which resources are required for this practice/tool to be implemented by other pharmacy residency programs?

Implementation of this project requires engaging persons with research expertise, and creating a standard curriculum for delivering timely workshops on essential research topics as the academic year progresses.

Pharmacy Residency Leading Practices Report

Summary describing the impact it has had on the Alberta Health Services Residency Program.

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Contact information if you require more details about this practice/tool.

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Adapted with permission from Accreditation Canada “Leading Practices Application Template”

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