Criteria for Successful Completion
of the PGY2 Investigational Drugs & Research Pharmacy Residency

EXPECTATIONS

Activity	Achieved (Y/N)
Use of PTO must be arranged in advance with the RPD at least 14 days prior to the start of rotation (with exception of extenuating circumstances or illness)—preceptor notification of PTO must be in advance of assigned learning experience for planned leave	
Submission of pre-planned, RPD approved PTO requests into EcoTime in advance of scheduled PTO	
Use of research and project days must be arranged at least 14 days prior to the requested date with the RPD and in advance of start of rotation—preceptor notification of research and project days must be in advance of assigned learning experience	
Timely completion of PharmAcademic evaluations and evaluation co-signatures	
Resident attends at least 80% of assigned committee meetings	
Attendance at 80% of IDS and IDSCC Monthly Huddles	
Join a professional organization with a mission, initiative, or concerted effort to further research pharmacy services (RPS) or Investigational Drug Services (IDS) practices	
Completion of resident portion of the quarterly development in advance of due date	
File evidence of required deliverables at conclusion of each learning experience to document completion of requirements for graduation	
Submission of manuscript to selected journal	

REQUIREMENTS

Program Achievement		
Activity	**Completed**	**Document in S: Drive**
California Pharmacist Licensure Per Pharmacy Resident Manual Policy		
A minimum of 52 weeks of training inclusive of vacation, professional, and sick leave		
Completion of assigned competencies, including BLS (+ ACLS if required for staffing areas)		
Completion of CITI and GCP training during Orientation		
Complete requisite training during Orientation to independently staff		
Completion of all required rotations/learning experiences		
Presentation of Research/QI Project at a regional, state, or national conference		
Completion of Research/QI Project manuscript suitable for submission to selected journal		
Complete and deliver Grand Rounds (or equivalent) to selected audience		
Completion of weekend staffing contributions (approximately ever 3rd weekend)		
Completion of weekday staffing contributions as outlined in residency manual		
Active participation in committee meetings and projects as assigned		
Active participation in the annual program QI meeting		
Attendance at the Research Pharmacy Summit		
Attendance at second pharmacy conference (to be in area of resident interest)		
Completion of ASHP IDS certificate program		

"Achievement for the Residency" of at least 80% of program objectives. No objectives may have a final assessment of "Needs Improvement. (Program objectives may be ACHR by the RPD throughout the year and/or at resident closeout.)		
Resident closeout completed in PharmAcademic, confirming all tasks are completed		

Program Deliverable						
Objective	Description	Frequency	Activity	Assigned LE	Completed	Document in S: drive
R1.1.6	Design or redesign safe and effective patient-centered therapeutic regimens and monitoring plans (care plans) for research participants	Complete at least four times	Evaluate the orders for accuracy and completeness; ensure all required elements are provided.	Cancer Center Outpatient Infusion		
R1.1.8	For research participants, document direct patient care activities	Complete at least four times for each activity	Examine the patient's medication list and determine if the patient is taking any meds that are prohibited, are cautionary, or have DDIs; provide study team with documented assessment and considerations based on evaluation	IDSCC I		
			Consistently apply the steps necessary to complete the IP dispensation process and required documentation in electronic inventory system, EPIC Willow	IDSCC I		
		Complete at least four times	Choose appropriate information and activities to document in EMR	Ambulatory Care Clinic (non-Oncology)		
		Complete at least twice	Document clarifications in BEACON or EMR or on paper orders to clarify orders and changes to	Cancer Center Outpatient Infusion		

			treatment plans when appropriate			
R2.1.1	Prepare or revise a drug class review, monograph, treatment guideline, or protocol related to care of research patients, including proposals for medication-safety technology improvements	Complete at least at four times during each learning experience	Create clinical trial order templates, pharmacist instructions, and study drug ERX for a specific study	Protocol Management I		
			Revise order template and/or study drug ERX	Protocol Management II		
			Create and/or revise paper/BEACON clinical trial order or study drug ERX	IDS II or IDSCC II		
			Author or revise drug section of protocol	Protocol Development (Longitudinal)		
		Complete at least once over 12 months	Prepare or revise an institutional protocol, policy, or treatment guideline	IDS Pharmacy Practice Management (Longitudinal)		
		Complete at least 3 times during entire staffing experience	Create or revise clinical trial order templates, pharmacist instructions, and study drug ERX for a specific study	IDS Pharmacy Coverage (Block Weeks)		
R2.1.3	Participate in a medication-use evaluation related to care of research participants	Complete at least 1 evaluation or project	Evaluate given workflow or medication use process as part of RPS PI project	RPS Process Improvement		
R2.1.5	Identify opportunities for improvement of the medication-use system related to care of research participants	Complete at least once in each learning experience	Evaluate best practice to implement changes outlined by pharmacy and protocol document modifications	Protocol Management II		
			Analyze data generated from a set period of time and review ADEs related to research and identify an opportunity for improvement	IDS Pharmacy Practice Management (Longitudinal)		

			Identify a need based on quality improvement need or patient safety concern	RPS Process Improvement		
R2.2.6	Effectively develop and present, orally and in writing, a final project report suitable for publication related to quality improvement or research project at a local, regional, or national conference	Complete at least once over 12 months	Provide oral presentation of the research/QI project to the pharmacy staff as well as at regional or national conference	Research/QI Project		
		Complete at least once over 12 months	Provide written manuscript for research/QI project			
R4.2.1	Contribute to departmental planning	Complete at least three times over 12 months	Contribute to departmental planning through attending leadership meetings	IDS Pharmacy Practice Management (Longitudinal)		
R4.2.3	Contribute to investigational drug services departmental management	Attendance at least 4 meetings over 12 months	Participate in committee meetings and activities	IDS Pharmacy Practice Management (Longitudinal)		
R4.3.2	Participate in the clinical trial appraisal process and effectively design a budget for pharmacy services to support a clinical trial	Complete at least 2 times in each learning experience	Apply knowledge of trial budgets and IDS fees to create and/or adjust protocol specific fee schedules	Protocol Management I		
			Prepare IDS fee schedule for a new clinical trial protocol	IDS II or IDSCC II		
R5.1.2	Use effective presentation and teaching skills to deliver education related to care of research participants	Complete at least once	Integrate various educational strategies, such as interactive experiences, cases, knowledge checks, ad instructional information, into the 20-30 min presentation (note presenter, date, audience)	IDSCC I		

		Complete at least 4 times	Choose teaching methods that will clearly communicate information/points of interest to deliver education	Scholarship and Precepting		
		Complete at least once for each learning experience over 12 months	Present final project to the relevant service line at UC Davis Medical Center (note presenter, date, audience)	RPS Process Improvement		
			Utilize a slide deck format and active teaching and learning methods to deliver and defend the Grand Rounds (or equivalent presentation) material (note presenter, date, audience)	Grand Rounds		
R5.1.3	Use effective written communication to disseminate knowledge related to care of research participants	Complete at least once for each learning experience during the 12 months	Presentation and dissemination of written summary of project at the relevant service line team meeting	RPS Process Improvement		
			Completion of slides that will compile a useful written resource for audience	Grand Rounds		
		Complete each activity for combined minimum total of four times during the 12 months	Interpret protocol language as written and comment in writing with edits, suggestions, or modifications to protocol language	Protocol Development (Longitudinal)		
			Use pharmacy expertise to write or rewrite any pharmacy related portions of the protocol			
R5.1.4	Appropriately assess effectiveness of education related to care	Complete at least once for each learning	Utilize interactive cases and/or situational questions to assess	Grand Rounds		

	of research participants.	experience during the 12 months	effectiveness of teaching provided			
		Complete at least 4 times during each learning experience	Utilize methods such as teach back or interactive questions to assess the learner's understanding of education	Scholarship and Precepting		