

Supplemental File 2. Other Pharmacy Intern Programs with Descriptive Reported Results

Reference	Program Type, Duration, # Interns	Stated Program Purpose	Descriptive Findings Reported	Graduate success
6	Acute Care Longitudinal 8 since inception in 2004	<p>Internship objectives:</p> <ul style="list-style-type: none"> to provide structured operational and clinical training that builds longitudinally throughout the years in pharmacy school to create a hiring and benefits infrastructure focused on student retention after graduation to build relationships with the interns to foster their interest in seeking employment within the UPMC system 	<ul style="list-style-type: none"> Preparation of pharmacist educational materials and a preprinted order set for a novel opioid analgesic Preparation of study protocol dispensing instructions and accountability sheets or binders for investigational drug services Coverage of clinical calls for the outpatient anticoagulation service Optimization of medication stock in automated dispensing cabinets (ADCs) Analysis of reported medication errors in the risk management database Optimized use of ADC for controlled substances in the medical intensive care unit Evaluation of standard nutrition support therapies for inpatients, including monitoring of electrolytes and nutritional substrates Pharmacist vacancy rate decreased from 27% to 4% 	<ul style="list-style-type: none"> 4 hired as hospital pharmacist 1 PGY1 at this hospital
7	Acute Care Summer 15 per year	<p>Goals of internship:</p> <ul style="list-style-type: none"> develop profession of pharmacy by providing pharmacy students opportunity to work in various practice settings 	<ul style="list-style-type: none"> Biweekly journal club Testing on aseptic technique Shadow 3-5 pharmacists for a day Exposure to different roles in pharmacy through 1-hour meetings Medication safety classes Thank you dinner 	5 of 6 previous interns who have graduated pharmacy school pursued careers in health-system

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		<ul style="list-style-type: none"> • develop students' interest in health-system pharmacy • act as recruitment tool to fill pharmacist and residency positions 		pharmacy, 4 in residency
8	Acute Care Summer 14 year 1, 13 year 2	<ul style="list-style-type: none"> • To attract promising undergraduate pharmacy interns to the practice of institutional pharmacy • To provide enriching educational experiences to intern pharmacists • To demonstrate to prospective pharmacists the excellent and varied career and lifestyle opportunities available outside metropolitan areas • To provide managers with an opportunity to evaluate the work ethic, maturity 	<ul style="list-style-type: none"> • Proclamation of pharmacy week by governor of Missouri and mayors of Columbia and Fulton • Project comparing thermofax vs manual courier delivery of physician orders • Program evaluation tool • Theophylline pharmacokinetics study 	1 hired as pharmacist after first year of program, 3 after second; several remained on staff as technicians, many considering hospital pharmacy

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		level, and professional capabilities of future pharmacist employees		
		<ul style="list-style-type: none">• To provide a mechanism for recruitment of both program participants and their classmates		
9	Acute Care Longitudinal 12-15 students	<ul style="list-style-type: none">• Describe a structured competency-based internship program involving terminal behavioral objectives	<ul style="list-style-type: none">• Junior level: inventory control• Senior Grade B: counseling• Senior Grade A: full pharmacist duties under supervision	<ul style="list-style-type: none">• Not reported
