Appendix. Program descriptions

Lead	Student	Description of paid coop model	Setting	Type of	Funding	Recipien	Student
author	population			clinical	source(s) for the	ts of the	payment
and year	in program			service	model	funding	-
Ahluwalia	Since 2000,	5-10 week internships at clinical	Various	Rehabilitati	Various funding	Various	Some
(2014)	over 150	training sites, which include sites in	internationa	on clinics	sources (i.e.,	recipients	departme
	students	low and middle income countries.	l clinical	and	student fees,	based on	nts offered
	(OT, PT and SLP		sites	programs, peri-urban	donations, fundraising)	model (i.e.,	scholarshi
	students)			hospitals,	Tundraising)	Canadian	ps to
	have			academic		superviso	students
	conducted			hospitals		r, host	for the
	internships			and centre		organizat	work
	1			for adults		ion, etc)	done
				with			
				disabilities			
Allen	Medical	Students spend their final year in a	Hospital	Various	Funded jointly by	Medical	Paid 60%
(1994)	students,	series of eight clinical attachments.		disciplines	the education and	students	of a house
	number not	The trainee intern usually manages			health		officer's
	reported	about one third of the patients			departments		salary for
		managed by the clinical firm.					their
		Trainee interns are committing an					clinical
		average of 40-50 hours a week. To					work,
		qualify a student requires a passing					amount
		assessment from each clinical attachment and a satisfactory report					not
		from the elective period. In addition,					reported
		the department of medicine is					
		developing a mini logbook for the					
		trainee intern year to ensure that all					
		students are exposed to an adequate					
		number of basic procedures and					
		investigations.					
Black	Master	A statewide stipend program to	County	Mental	Mental Health	Students,	Stipend of
(2010)	students in	support final-year Masters in social	public	health	Services Act	and	\$18,500
	social work,	work students in their graduate	mental		(MHSA) dollars	funding	to each
	2005-2006	study and a requirement for a year of	health			for the	student.
	cohort=172	employment payback in the public	agency or a			mental	
	students,	mental health system.	community			health	
	max of 20		-based			coordinat	
	per school (10 schools)		organizatio			ors and	
	(10 schools)		n			the schools	
Bradshaw	Midwifery	Ireland introduced a direct entry	Two	Labour	Not reported	Midwife	Salaried
(2018)	students,	BSc Midwifery program which	hospitals	ward	Not reported	students	members
(2010)	number not	included an internship period (4th	позришь	Wara		Statemen	of staff,
	reported	year). During internship, students					details not
		undertake 36 weeks core midwifery					reported
		placements providing care over the					
		24 hour continuum under					
		supervision of registered midwives.					
		In addition, students, have protected					
		reflective time during internship					
		both in University and clinical					
		practice.					
Cushen-Br	50 nursing	The emergency measures	Regional	Not	Not reported	Students	Paid
ewster	students in	implemented by the Nursing and	and	reported			employee,
(2021)	cohort	Midwifery Council in response to	metropolita				details not
		the COVID-19 pandemic provided	n acute	1			reported

Cushen-Br covered Final year cursing Final ye			nursing students in their final 6	teaching				
Cushen-Br evster, nursing students were provided with the opportunity to undertike an extended final work placement in hospitals and confirming trusts to support the delivery of ears. In response to COVID-19 pressures, the final placement had a different foeus, as student nurses were not supprentices and placement in hospitals and confirming trusts to support the delivery of ears. In response to COVID-19 pressures, the final placement had a different foeus, as student nurses were not superntices. The final placement had a different foeus, as student nurses were not superntices. The final placement had a different foeus, as student nurses were not superntices. The final placement had a different foeus, as student nurses were not superntices. The final placement had a different foeus, as student nurses were not superntices. The final placement had a different foeus, as student nurses were not superntices. The final placement had a different foeus, as students of the final placement had a different foeus, as students of the final placement had a different foeus, as students of the final placement had a different foeus, as students of the final placement had a different foeus, as students of the final placement had a different foeus, as students of the final placement had a different foeus, as students of the final placement had a different foeus, as students of the final placement had a different foeus, as students of the final placement had a different foeus, as students of the final placement had a different foeus, as students of the final placement had a different foeus, as students of the final placement had a different foeus, as students of the final placement had a different foeus, as students of the final placement had a different foeus, as students of the final placement had a different foeus, as students of the final placement had a different foeus, as students of the final placement had a different foeus, as students of the final placement had a different foeus, as the final placement had a different f			,					
Cushen-Br Final year nursing students were covster, and a (2022) Cushen-Br covster, appropriate covster, appropria								
Cushen-Br Final year unusing students were provided with the opportunity to undertake an extended final work placement in hospitals and reported Students with the opportunity to undertake an extended final work placement in hospitals and reported Students with the opportunity to undertake an extended final work placement in hospitals and placement had a different focus, as student nunses were not supernumerary, became more integral to stuffing roaters. Hospital apprentices by students wards Student wards St			consolidation clinical placement.	_				
ewster, Barker et students, al. (2022) and (2022) and (2022) are specified experience of the community trusts to support the delivery of area. In response to COVID-19 pressures, the final placement had a different focus, as student nurses were not supernumerary, became more interested and placement had a different focus, as student nurses were not supernumerary, became more apprentices by students approved by the Institute for Apprenticeships in 2016. 2002	Cushen-Br	Final year	Final year nursing students were	_	Not	Not reported	Nursing	Paid
Barker et al. (2022). Numbers not reported al. (2022). Proported al. (2023). Proported al. (2024). Proported a		•		Trospitais		Troving Police	_	
Particular Par	,				1			*
Cushen-Br cwster, proportion of sudents per year of the major portion of academic and clinical rotations. Donovan (2020) Donovan (2020) Pharmacy (2020) Pharmacy (2020) Pharmacy (2020) Pharmacy (2020) Pharmacy (2020) Pharmacy (2021) Pharmacy (20	al. (2022)	numbers not	placement in hospitals and					not
Covident of the properties o		reported	community trusts to support the					reported
Cushen-Br Course Plant								
Student nurses were not supernumerary, became more integral to staffing rosters. Student papernumerary, became more integral to staffing rosters.			_					
Cushen-Br ewster, Driscoll-E value apprentices of in June apprentices bip standard was approved by the Institute for Apprenticeships in 2016. Desmond (2007)			*					
Cushen-Brewater, apprentices apprentices provider in June wards approved by the Institute for Apprentices provider in June wards approved by the Institute for Apprentices provider in June wards approved by the Institute for Apprentices provider in June wards approved by the Institute for Apprentices provider in June wards approved by the Institute for Apprenticeships in 2016. Desmond (2007) Desmond (2007) Students per year								
Cushen-Br cwster, apprentices apprentice			- · · · · · · · · · · · · · · · · · · ·					
ewster, Driscoll-E Driscoll-E Driscoll-E Oriscoll-E Driscoll-E Oriscoll-E Oriscoll-E Oriscoll-E Oriscoll-E Oriscoll-E Original properties approved by the Institute for approved by the Institute for Apprenticeships in 2016. wards a part of Health and Social Care department of Health and Social Care amount reported Desmond (2007) Medical students, number not reported This intership program consists of 12 months of full-time, off-campus or preceptors. It is characterized by a dedicated period of clinical training following the completion of the major portion of academic and clinical rotations. Not reported Not reported Not reported Students receive a Paid Paid Paid Paid Paid Paid Paid Pa	Cushen-Br	15 nurse		Hospital	Various	Employers and	Student	Salary,
vans et al. (2022) 2000 2000 2000 2000 2000 2000 20	ewster,	apprentices	_	1	wards			
Countries Coun	Driscoll-E	in June	approved by the Institute for			Health and Social		not
Desmond Medical This intership program consists of students, number not reported Porceptors. It is characterized by a dedicated period of clinical training following the completion of the major portion of academic and clinical rotations. Not reported Porceptors. It is characterized by a dedicated period of clinical training following the completion of the major portion of academic and clinical rotations. Possible for the major portion of academic and clinical rotations. Possible for the major portion of academic and clinical rotations. Possible for the major portion of academic and clinical rotations. Possible for the major portion of academic and clinical rotations. Possible for the major portion of academic and clinical rotations. Possible for the major portion of academic and clinical rotations. Possible for the major portion of academic and clinical rotations. Possible for the major portion of academic and clinical rotations. Possible for the major portion of academic and clinical rotations. Possible for the major portion of academic and clinical rotations. Possible for the major portion of academic and clinical rotations. Possible for the major portion of academic and clinical rotations. Possible for the major portion of academic and clinical rotations. Possible for the major portion of academic and clinical rotations. Possible for the major portion of academic and clinical rotations. Possible for the major portion of academic and clinical rotations. Possible for the major portion of academic and clinical rotations. Possible for the major portion of academic and clinical rotations. Possible for the major portion of academic and clinical rotations. Possible for the major portion of academic and clinical rotations. Possible for the major portion of academic and clinical rotations. Possible for the provider Possible for the possible fo			Apprenticeships in 2016.			Care		reported
Desmond (2007) Students, number not reported (2020) Pharmacy (2020) Students, number not reported (2021) Students (2021) S	(2022)							
Desmond (2007) Medical students, number not reported 12 months of full-time, off-campus experience under the supervision of preceptors. It is characterized by a dedicated period of clinical training following the completion of the major portion of academic and clinical rotations.		•						
Students, number not reported Pharmacy (2020) Pharmacy (2020) Students, number not reported Pharmacy (2021) Pharmacy (2021) Students, number not reported Pharmacy (2021)	Desmond	•	This intership program consists of	Not	Not	Not reported	Students	The
number not reported preceptors. It is characterized by a dedicated period of clinical training following the completion of the major portion of academic and clinical rotations. Donovan (2020) Pharmacy students, number not reported Pharmaceut reported Pharmaceut students, number not reported Paid students, number not reported Paid students, number not reported Paid students, number not reported Pharmaceut ical solution and regulation Possible to As a direct result of the Covid-19 pandemic, in March 2020, the number not reported Midwifery Council introduced Midw						rvot reported	Students	
dedicated period of clinical training following the completion of the major portion of academic and clinical rotations. Paid salary, stipends, trainceshi ps, assistants hips, tuition reimburse ment or grants associated with students, number not reported Pharmaceut facing settings Pharmaceut ical settings Pha		number not	_	1	1			may
following the completion of the major portion of academic and clinical rotations. Parmacy (2020) Pharmacy (2021) Pharmacy (2021) Pharmacy (2021) Students, number not reported (2021) Students, number not reported (2021) Missing and (2020) Students, number not reported (2021) Missing and (2020) Missing and (2020) Nursing a		reported	preceptors. It is characterized by a					receive a
major portion of academic and clinical rotations. Stipends, traineeshi ps, assistants hips, tuition reimburse ment or grants Six months paid placements. Six months paid placement placement provider Six months paid placement Six months pa								paid
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Donovan (2020) Pharmacy students, number not reported Post and palacements. Non-patient facing settings Industry, education and regulation regulation regulation Post students, number not reported Nursing students, number not reported Nursing and number not reported Nursing and Nursing								_
Donovan (2020) Pharmacy students, number not reported Pospital assument of the Covid-19 students, number not reported Quality Pharmacy students, number not reported Pharmacy students, number not reported Pharmacy students, number not reported Pharmacy settings Pharmaceut ical provider Paid placement industry, education and regulation Pharmaceut ical provider Paid placement provider Paid placement industry, education and regulation Pharmaceut ical provider Paid placement provide			clinical rotations.					
Donovan (2020)								
Pharmacy Six months paid placements. Non-patient facing settings industry, education and reported reported Students, number not reported Students, number not reported Students, number not reported Students, number not reported Students reported Students reported Students reported Students reported Students reported regulation Students reported Students Students reported Students reported Students Students Students reported Students reported Students Reported Students Reported Students Reported Students Students Students Reported Students Students Reported Students Students Reported Students Reported Students Reported Students								hips,
ment or grants associated with student training. Donovan (2020)								tuition
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Donovan (2020) Pharmacy students, number not reported Foodbold (2021) Students, number not reported Midwifery Council introduced Foodbold (2021) Students, number not reported Midwifery Council introduced Foodbold (2021) Students (2021) Stud								
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Donovan (2020) Pharmacy students, number not reported Foodbold (2021) Mursing As a direct result of the Covid-19 number not reported Foodbold (2021) Students, number not reported Foodbold (2021) Mursing and reported Foodbold (2021) Midwifery Council introduced Foodbold (2021) Single Foodbold (2021) Students (
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(2020) students, number not reported number not reported Godbold (2021) Students, number not reported students, number not number not number not reported students, number not reported Midwifery Council introduced Godbold (2021) Students, number not reported Midwifery Council introduced Godbold (2021) Students, number not reported Midwifery Council introduced Godbold (2021) Students, number not reported Midwifery Council introduced Godbold (2021) Students, number not reported Midwifery Council introduced Godbold (2021) Students, number not reported Midwifery Council introduced Godbold (2021) Students, number not reported Midwifery Council introduced Godbold (2021) Students, number not reported Midwifery Council introduced Godbold (2021) Students, number not reported Midwifery Council introduced Godbold (2021) Students, number not reported Midwifery Council introduced Godbold (2021) Students, number not reported Midwifery Council introduced Godbold (2021) Students, number not reported Midwifery Council introduced Godbold (2021) Students, number not reported Midwifery Council introduced Godbold (2021) Students, number not reported Midwifery Council introduced Godbold (2021) Students, number not reported Midwifery Council introduced Godbold (2021) Students, number not reported Midwifery Council introduced Godbold (2021) Students, number not reported Midwifery Council introduced Godbold (2021) Students, number not reported Midwifery Council introduced Godbold (2021) Students, number not reported Midwifery Council introduced Godbold (2021) Students, number not reported Midwifery Council introduced Godbold (2021) Students, number not reported Midwifery Council introduced Godbold (2021) Students, number not reported Midwifery Council introduced Godbold (2021) Students, number not reported Midwifery Council introduced Godbold (2021) Students, number not reported Midwifery Council introduced Godbold (2021) Students, number not reported Midwifery Council introduced Godbold (2021) Students, number								
number not reported number not reported Nursing Students, pandemic, in March 2020, the number not reported Nursing and number not reported Midwifery Council introduced Nursing and number not reported		Pharmacy	Six months paid placements.				Students	Paid
reported education and regulation Godbold (2021) Students, number not reported Nursing and number not reported Midwifery Council introduced education and regulation Hospital Neonatal NHS trust provider details reported intensive provider care, adult intensive intensive intensive intensive education and education and reported education and reported education and reported intensive education and reported education and reported intensive education and reported education and repo	(2020)	,		U		provider		-
Godbold (2021) Students, number not reported Nursing and number not reported Midwifery Council introduced and regulation reported and intensive reported intensive reported regulation reported and regulation reported regulation reported and regulation reported regulation reported regulation reported regulation regulation NHS trust Students Salary, no details reported intensive reported reported reported reported regulation students students and regulation reg				settings	• • • • • • • • • • • • • • • • • • • •			
Godbold (2021) Students, number not reported Midwifery Council introduced reported Robbinson Robbinson Robbinson Robbinson Robbinson Robbinson Robbinson Robbinson Regulation Robbinson		reported						
Godbold Nursing As a direct result of the Covid-19 students, pandemic, in March 2020, the number not reported Midwifery Council introduced Hospital Neonatal intensive provider Students Nursing and community care, adult intensive intensive provider Students Salary, no details reported								теропец
(2021) students, pandemic, in March 2020, the number not reported Midwifery Council introduced and community care, adult intensive intensive intensive intensive intensive intensive	Godbold	Nursing	As a direct result of the Covid-19	Hospital		NHS trust	Students	Salary, no
reported Midwifery Council introduced intensive	(2021)	_		_		provider		
				community				reported
temporary emergency educational care, adult		reported	I					
standards. These allowed students in and								
their second and final years of their paediatric programme to undertake an general			7		-			
extended clinical placement that did medical,					C			
not require them surgical,			_					
to have a supernumerary status in orthopaedic			*		orthopaedic			

		practice and enabled them to support		, stroke care			
		the health		wards, to			
		and social care workforce. Those		hospital			
		who chose to undertake it moved to		based			
		an 80% split in practice and 20% in		safeguardin			
		theory (instead of the previous		g teams,			
		50%-50%). In addition, they were		community			
		salaried on a high-level nursing care		care, mental			
		assistant pay scale.		health			
				elderly			
				care, and			
				mother and			
				baby unit.			
Godbold	Nursing	Paid extended placements as health	Hospital	12 different	Not reported	Student	Paid
(2022)	students,	care assistants	and	clinical	1 tot reported	nurses	placement
(2022)	numbers not	care assistants	community	areas, from		nurses	, no
	reported		Community	adult,			details
	reported			children,			reported
							reported
				learning			
				disability			
				and mental			
			ļ	health			
Green	More than	Final-year nursing and midwifery	NHS trust	Mental	NHS trust and	Student	Paid
(2022)	18,700	students were invited to do a paid		health or	COVID-19		employm
	nursing	placement during the COVID-19		learning	response funding		ent, no
	students	pandemic to support the National		disability	package provided		details
	chose to	Health Service (NHS) workforce.			by the UK		reported
	undertake	Second-year nursing students and			government		
	these paid	those in the first six months of their					
	placements	third year were also asked to					
		undertake extended clinical					
		placements.					
Hernandez	Students	College of Nursing students at the	Hospital	Not	University of New	Students	Paid
(2020)	nurses, 472	University of New Mexico are	1	reported	Mexico Hospitals		employee
(' ')	student from	eligible for the internship program		1	1		s, details
	2003 and	during the final two semesters of					not
	2004	their nursing program. All students					reported
	2001	who are successfully progressing					reported
		through their undergraduate					
		program coursework are eligible to					
		enroll in the internship course.					
		_					
		These nursing student interns work					
		in a clinical environment under the					
		close supervision of an RN					
		preceptor. Nursing student interns					
		are hired, paid employees of the					
		hospital, and they must also enroll in					
		an associated 1-credit course					
		provided by the University of New					
		Mexico College of Nursing during					
		all semesters. Their eligibility to					
		participate in the program is directly					
		related to their success in their other					
		nursing courses. Nursing student					
		interns who fail a course must resign					
		from the internship position, which					
		can create a financial hardship for					
		the nursing student interns and the					
		loss of a valuable employee for the					
		1000 of a variation employee for the			1		

	<u> </u>	hospital. Nursing student interns		<u> </u>			
		typically work between 6 and 36					
		hours every 2 weeks depending on					
		the nursing student intern schedule					
		and the unit needs.					
Hughes	22 nursing	Program for senior nursing students	Three	- First	Contracting	- The	Stipends
(1993)	students	that would offer a summer clinical	hospitals	hospital:	agency pay the	budget	1,700\$,
	participated	experience in practice settings under		critical care	salary of the	for the	funds for
	in the nurse	the supervision of both nursing		areas,	faculty, including	course	student
	externship	faculty and clinical nurse preceptor.		including	fringe benefits and	includes	stipends
	course at one	The Nurse Extern Practicum is an		coronary	the graduate	faculty	are
	hospital,	8-week summer elective offered by		care,	assistant salary	and	equivalent
	while 16	contract to hospitals in upstate South		medical		graduate	to a
	additional	Carolina. Students apply for		intensive		teaching	competiti
	students	admission through the nurse		care,		assistant	ve hourly
	participated	recruiter at the hospital system and		surgical		salaries	wage in
	at two other	are screened by hospital staff and		intensive		as well as	the
	hospitals.	faculty. This externship was		care,		student	clinical
		developed for academic credit but		neurologic		stipend	area
		also offered financial remuneration		intensive		-	
		for students. Students provided care		care,		Students:	
		for selected patient(s) under the		step-down cardiovascu		stipend,	
		supervision of their preceptors, with responsibilities for total patient care		lar,		equivalen t to a	
		increasing as their level of		step-down		competiti	
		proficiency and experience rose.		coronary		ve hourly	
		Course requirements include		care, and		wage in	
		satisfactory completion of course		the		the	
		objectives, including a skills		Emergency		clinical	
		checklist, an end-of-course clinical		trauma		area. Half	
		behavior evaluation, four 8-hour		center		of the	
		clinical laboratory experiences each		- Two		funds	
		week for the 8-week course, and		other		given at	
		attendance at a 2-hour clinical		hospitals:		midpoint	
		conference each week.		medicine,		in the	
				surgery,		course,	
				orthopedics		and the	
				, neurology,		remainin	
				pediatrics,		g half	
				rehabilitatio		distribute	
				n and others		d at the	
						end.	
						Students also do	
						not pay	
						tuition	
						for the	
						summer	
						school	
						credit	
Keating	10 nursing	Work study program that allows	Large	Various	Medical Center	Students	Salary, no
(1994)	students	students to gain academic credit	university-b	units,		and	details
	selected	while earning a salary for the	ased	except		faculty	reported
	each	nursing services they render. The	hospital	operating		members	
	semester	nursing department at the medical		room, labor			
		center would place the students on		and			
		the payroll as senior nursing		delivery			
		assistants, for a total of 240 hours		and			
		per semester of clinical service in		intensive			
		the hospital. The students worked		care			

Kee (2001)	40 Undergradu ate nursing students participate in the program annually	two 12-hour shifts over a 10-week time period. Offered as an option in the required senior level specialty courses (one semester in a selected specialty and one semester in community health nursing). Finally, the faculty member worked cooperatively with the students and preceptors during their orientation and progression in clinical performance and competency levels. The Houston School of Nursing has entered into a collaborative work-study-scholarship program with hospitals in the Texas Medical Center and the Houston community. This collaborative agreement allows students who are in their second semester of clinical nursing course work to be employed as unlicensed personnel. Students are recruited in their first semester in the BSN program so that they can be oriented. The most common criteria include: (1) full-time status in the BSN program, with good academic standing (minimum of a 3.0 on a 4.0 scale), (2) a recommendation by a faculty member that attests to the student, motivation and academic ability, (3) a statement of career goals, and (4) a commitment to work a minimum of 24 hours per month. Some of the agencies require students to interview with a nurse manager from their hospital and others accept the top-rated students based on faculty recommendations. The demands of school commitments require flexible scheduling by the various units and include 4-, 8-, or 12-hour shifts.	5 hospitals and community hospitals	Hospitals assign students to all units, including the emergency room, intensive care, and labor and delivery	Hospitals	Students, faculty coordinat ors and hospital facilitator s	Students receive a salary for hours worked and 500\$ a semester scholarshi p from the agency. Faculty coordinat ors are paid for recruiting and supervisin g student placement and experienc es by the hospitals through the faculty practice plan. Hospital facilitator s are paid by their respective
Keil	4 third year	Denver Health Medical Center has a	Tertiary	Clinical and	Hospital	Students	employers . Hourly,
(2021)	students and one fourth year student from Dec 2017 through Feb 2018	paid pharmacy internship program. 12 pharmacy interns are hired as early as their first year in pharmacy school. Students in their first professional year and second professional year focus on operational duties such as medication preparation and distribution, whereas students in their third professional year focus on direct patient care and clinical	care teaching hospital	administrati ve		Sildering	16.24\$/hr

			T	T	T	1	1
		responsibilities aligned with					
		_					
Leigh (2020)	Nursing students	departmental initiatives. Two types of student nurses in this program. Aspirant nurses (Grade Band 4) are preparing to join the temporary register or completing education programme in preparation for joining the full register as a registered nurse. Students undertaking this role will be expected to: implement care packages under the supervision of a registered nurse, carry out nursing care programmes, actively pursue all opportunities and use protected learning time to develop competencies to enable successful application to the NMC for future registration. They are students in the final 6 months of their pre-registration undergraduate or postgraduate nursing or midwifery programmes. Clinical support worker (Band 2 or 3) are nursing students not in their final 6 months. These Students may spend no more than 80% of their hours in clinical placements and 20% of their hours	Healthcare organisations	Various	National Health Service (NHS)	Healthcar e organisati on to employ students	Paid placement , details not reported
		in theoretical learning.					
McSherry (2021)	165 nursing students in the 2017 cohort of the undergradua te pre-registrati on nursing course.	Student nurses were asked to join the front-line workforce delivering care to patients during the pandemic. This enabled some student nurses in the last six months of their training to undertake paid clinical placements.	Acute Hospital	Various wards (acute medicine, emergency, surgical, orthopaedic s and trauma, community nursing, cancer ward, respiratory)	National Health Service (NHS)	Student	Paid placement , details not reported
Nolet (2015)	Nursing students, cohort 1=5 interns, cohort 2=5 interns	The program couples a paid nursing home work experience with an evidence-based long term care nursing curriculum. The Wisconsin Long Term Care Clinical Scholars Program, which is currently in its third cohort, was developed in 2010-2011 through the collective efforts of two Schools of Nursing, the State of Wisconsin, and four nursing homes in south central Wisconsin. It was designed as a 12-week summer nurse internship for either junior or senior nursing students. Students were hired as nurse techs, a Wisconsin position	Long term care	Five nursing homes	Nursing homes	Students and preceptor s (pay for preceptor training)	Hourly wage, no details reported

	T		1	1	1		, ,
		allowing nursing students certified					
		as nursing assistants to perform					
		licensed nurse duties under the					
		supervision of a licensed RN. Two					
		faculty presented the internship					
		opportunity during junior and senior					
		level nursing classes, distributing					
		informational flyers. A website was					
		developed for students to find more					
		details. Posters and announcements					
		were posted in key places to gain					
		student attention. The integration of					
		clinical work, didactic workshops					
		and peer discussions was					
		accomplished through intern					
		assignments each week.					
Oh (2021)	Pharmacy	Only two pharmacy programs in	Various	Not	Clinical settings	Students	Hourly
	students,	North America offer co-op	(hospital,	reported			wage,
	each cohort	education as a form of	community,				14-17.69\$
	comprising	work-integrated learning, one of	industrial)				/hr
	around 120	which is the University of Waterloo					
	students	in Waterloo, Ontario, Canada. In the					
		co-op model at Waterloo, students					
		apply and interview for, and are					
		hired into, paying jobs for their					
		mandatory experiential education					
		during their second and third years.					
		After interviewing, both students					
		and employers rank their preferred					
		position and candidate, respectively,					
		and are matched using a computer					
D 1	N 7 .	algorithm.	Tr. di	N 1: 1	N 4 1	G. 1 .	D : 1
Paul	Nursing	The ten-week internship is a fourth	Tertiary	Medical	Not reported	Students	Paid
(2011)	students, numbers not	year summer course offered to select students who have demonstrated	care	and surgical units of four			employee,
			hospitals				details not
	reported	strong academic and clinical performance. Students enrolled in		hospitals			reported
		this course become a fulltime					
		employee of a designated unit. The					
		faculty member who teaches the course is less physically present than					
		in the direct supervision model but					
		more physically present than in the					
		preceptorship model. In the Faculty					
		of Nursing at the University of					
		Alberta, a third model, the nursing					
		internship, was developed to					
		provide an alternative that is					
		pedagogically at the intersection of					
		the other two models. Students					
		receive direct supervision from all					
		Registered Nurses on the placement					
		unit. As these students are in the					
		second last clinical course of their					
		program they are required to					
		manage the care of more complex					
		clients in acute care settings.					
Phillips	Occupationa	A 12-month full-time internship	Hospital	Adult	Not reported	Students	Salary
(1995)	1 therapy	(40hrs work week) was created at	and outside	community			and earn

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	students,	the Irene Walter Johnson Institute of	facility	programs,			employee
	number not	Rehabilitation in Barnes Hospital of		work			benefits
	reported	St. Louis, in cooperation with the		performanc			including
		Washington University program in		e programs,			sick leave and
		occupational therapy. Selection criteria for interns include a grade		upper extremity			vacation
		point average of 2.5 or better,		and hand			time as
		successful completion of		rehabilitatio			well as
		occupational therapy academic		n, acute and			medical
		requirements from an accredited		long-term			and dental
		education program, references from		neurology,			group
		one faculty member and one Level I		general			plan
		fieldwork supervisor, and a written		medicine			benefits
		essay stating the student's		and			ochema
		qualifications and what he or she		surgery,			
		hopes to accomplish during the		and			
		internship. The committee then		community			
		interviewed these candidates.		pediatrics.			
		Finally, the intern's progress is		1			
		evaluated formally in midterm and					
		final evaluations.					
Porter-Stu	Nursing	Work-study elective courses where	Hospitals	Clinical	Institution-support	Students	Varies
bbs (1985)	students,	students are paid by nursing service	*	units,	ed funding	and	among
, ,	number not	for part or all of the learning		details not		faculty	institution
	reported	experiences and they receive		reported		,	s. Some
		university credit. The learning					students
		experiences may include didactic					might be
		content and/or seminar and clinical					paid for
		practice time as well as time spent					40 hours
		working as nursing service					per week
		employees.					(clinical,
							work, and
							lecture),
							clinical
							and work
							or work
							only
Shahzeydi	Final-year	In this program, final-year nursing	Six	Various	Not reported	Students	Monthly
(2022)	nursing	students fulfill their internship	hospitals	clinical			salary,
	students,	program in various hospital wards,		setting:			detail note
	numbers not	including 20 shifts (morning,		Medical/Su			reported
	reported	evening, and night) per month, and		rgical,			
		are paid a monthly salary. At the		Intensive			
		time of patient assignment, the head		Care Units,			
		nurses assign two patients to each		Cardiac			
		student in the first week, three in the		Care Unit			
		second, and four in the third and		and			
		fourth weeks. Students are		pediatric			
		independently responsible for		wards			
		patients; however, they work under					
		the nurse supervision and raise					
		questions and problems. Besides,					
		resident faculty visit students at least					
		four times a month, evaluate their					
		knowledge and skill, and provide					
		_					
		feedback on their problems.					
Shajani	487 nursing	feedback on their problems. In Alberta, during the COVID-19	2 provincial	Various	Not reported	Students	Hourly
Shajani (2023)	487 nursing students were hired	feedback on their problems.	2 provincial hospitals	Various wards, but student	Not reported	Students	Hourly wage, details not

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	into the 2	led to the creation of an		were given			reported
	participating	undergraduate nursing		the choice			
	health care	employee/student hybrid role. The		to move			
	organization	role allowed nursing students to		their			
	S	complete the required learning for		clinical			
		their final preceptorships and/or		placement			
		complete leadership placements in a		to care			
		paid role while being integrated into		areas in			
		the unit culture and becoming part of		most need			
		the team. The role is an unregulated		due to the			
		role that provides direct patient care		pandemic			
		under the supervision of a registered		(medical,			
		nurse or a registered psychiatric		surgical or			
		nurse. Students only performed		emergency			
		skills for which the theoretical		department			
		knowledge was covered in the		s)			
		nursing program, although the unit					
		may have additional learning					
		materials for students to complete					
		activities. The student could process					
		orders if this was included in the					
		nursing program; however, they					
		were prohibited from taking verbal					
		or telephone medication orders and					
		providing supervision to other					
		employees (such as health care aides					
		or other students).					
Stout	Nursing	In collaboration with the University	Hospital	Rotations,	Medical Center	Students	3,500\$ sti
(2015)	students, 26	of Texas at El Paso, nurse leadership		including			pend
	students in 2	at Del Sol Medical Center		acute care			
	cohort	implemented an internship program		and			
	during 2012	for nursing students in the final		community			
		semester of a bachelor of science in		practicums			
		nursing (BSN) program. Applicants		at Del Sol			
		were required to submit an		in one of			
		application, a letter of interest		the			
		indicating their commitment to the		following			
		nursing profession, unofficial		settings: the			
		college transcript, and picture		emergency			
		identification card. The applicants		department,			
		ranked their area of preference.		intensive			
		Depending on the number of		care unit,			
		applicants and open positions,		cardiovascu			
		selected interns were assigned to		lar ICU,			
		one department for the length of the		neonatal			
		internship. Each interested		ICU,			
		candidate had a behavioral-based		telemetry,			
		panel interview, conducted by Del		or			
		Sol and the university team		medical-sur			
		members. During the first 3 weeks,		gical			
		interns focused on completion of		department			
		general hospital and nursing		s.			
		orientation, didactic training, and					
		simulation training for the interns					
		assigned patient populations.					
		Students typically complete 180					
		hours of acute care practicum and					
		135 hours of community practicum.					
		The nurse interns received an					
		additional 260 hours of internship					
						·	

Vasquez (2022)	First and second-year BSN students, number not reported.	time while at Del Sol. The weekly schedule for student interns was two didactic class periods and three precepted 12-hour shifts. Long-term care clinical externship that provides students with hand-on dementia care skills. This program was an elective course.	Long term care and acute medical settings	Geriatrics, dementia care and memory care	Not reported	Student	Stipend, no details reported
Wallace (2016)	Nursing students, more than 80 nursing students participated in the program in 2015	In California, board-approved pre-licensure nursing programs may offer work-study courses for which students receive academic credit. Each spring, partnering universities invite senior-level nursing students to apply to the program. Students must be recommended by faculty and demonstrate strong academic skills. The program occurs during the students summer break prior to completion of their senior-level curriculum. University faculty develop a syllabus, including course objectives that support a clinical learning experience based on the application of previously learned nursing theory and clinical practice skills; new skills may not be taught in the program. Work-study interns are paid and typically work three shifts per week for approximately 10 weeks for a total of 240 hours.	Hospitals and clinical education department s	Variety of clinical areas including the emergency, adult inpatient, maternal child, perioperative, quality and risk, infection prevention, and clinical education department s	Health system community benefit fund	Students	Salary, no details reported
Young (2014)	Two cohorts, 10 nursing students in the spring and 7 in the fall.	A team of academics and nursing practice leaders designed a paid traineeship program that specifically targeted groups underrepresented in community/public health nursing.	Public health and community -based settings	Sites included city and county public health agencies, two Federally Qualified Health Centers, a local clinic for the underserve d, an AIDS resource center, an urban school, and two community nursing centers	Half of each stipend was paid by the partner agency and half was provided by Raising the Bar funding partners (Faye McBeath Foundation, WCN, Greater Milwaukee Foundation and Northwestern Mutual Foundation)	Students, faculty members (for increased workload) and preceptor s (\$1,000 stipend for professio nal developm ent)	7,500\$ sti pend