

Roadmap to Residencies and Fellowships

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Outline

- Why do a residency?
- Types of residencies
- How to select a program
- Where to find programs
- How to obtain a residency
- Timeline
- Question and Answer Session





Questions to Ask Yourself

- What skills do I want to obtain?
- What do I want to do after I graduate?
- What types of positions do I want to obtain?
- Can I be competitive in future job market?
- Where do I see myself in 10-20 years?





Other Critical Factors

- Where do I want to live/work?
- Can I live away from home?
 - Financially, emotionally
- Can I survive the "Match"?
- What am I willing to sacrifice to obtain a residency?



Benefits of Residency Training

Gets you the job

- Qualify for positions that require residency or advanced training
- Provides flexibility & adaptability to change your developing career path
- Distinguishes you from other candidates

Gets you the promotion

 Most pharmacists in faculty, management, or clinical roles have completed a residency/advanced training

Provides networking opportunities

- Find mentors
- Expand your resource base
- Provide future job opportunities
- Helps you achieve your professional vision
 - Plan your career
 - Develop leadership skills
 - Find out what you're interested in by practicing in a variety of settings UC San Diego

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http://www.ashp.org/DocLibrary/Residents/Why-Residency-Brochure.aspx 5



CETP Student Residency Guide

VIEW RELATED LINKS 👃

Pharmacy students (P1-P4) who are considering pursuing a residency, utilize the following links below to view the latest information regarding pharmacy residency programs, preparing to navigate the road to residency, the application process, the online residency directory, participating in the pharmacy resident matching program, the post-match process and more.

Pharmacy Residency

- Pursuing Residency
- Why Should I Do a Residency
- Selecting a Residency
- Interview Skills Packet for Residency Candidates
- Glossary of Terms
- Residency FAQs

Preparing for a Pharmacy Residency

- PGY2 Residencies
- Get Involved
- Explore National Programs and Awards
- Attend National Meetings
- Expand Your Network
 - Student Societies

https://www.ashp.org/Professional-Development/Residency-Information/Student-Residency-Guide



Types of Residency Opportunities



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Post-Graduate Year 1 (PGY1) Residency

Purpose

- Train to become clinical pharmacist
- Rotations (usually 4-6 weeks) in various areas of pharmacy practice
- Usually 12 months in duration

• Pros

- Good programs train you to become excellent clinical pharmacists
- Gives individual a great overview of the possibilities in pharmacy practice

• Cons

- Can be a repetition of P4 year
- Poor training/mentoring
- Primarily used as staff pharmacist

Experiences

Acute care, ambulatory care, administrative, residency project



Types of PGY1 Programs

- PGY1 Pharmacy
 - Read the Residency Special Features section to evaluate type of PGY1
 - Acute Care and Ambulatory Care both under the heading of PGY1 Pharmacy
 - Some programs may have emphasis in certain specialty areas
- Community Pharmacy
- Managed Care Pharmacy
- PGY1 and PGY2 Combined Program



Post-Graduate Year 2 (PGY2) Residency

- Purpose
 - Train to become a clinical pharmacist in a particular area of specialty
 - Usually 12 months in duration
- Pros
 - Excellent opportunity if you know what specialty you are interested in
 - Provide mentoring/training for career path
- Cons
 - Specialty needs to be marketable and desirable
 - Caution with too narrowly focused programs
 - May not get experience in all areas of pharmacy practice
 - Inexperienced preceptors
- Experiences
 - Usually acute care, ambulatory care, electives, health system management, residency project



Types of PGY2 Programs

- Ambulatory Care
- Cardiology
- Critical Care
- Drug Information
- Emergency Medicine
- Geriatric Pharmacy
- Health-System Pharmacy Administration
- Infectious Diseases
- Internal Medicine
- Medication-Use Safety
- Nuclear Medicine
- Nutrition Support

- Oncology
- Pain Management and Palliative Care
- Pediatric Pharmacy
- Pharmacotherapy
- Informatics
- Psychiatric Pharmacy
- Pharmacy Residency Training in an Advanced Area of Practice
- Solid Organ Transplant Pharmacy
- Others....



Why should I do a PGY2?

- PROS
 - Generalist vs Specialist
 - Connection to specialists within area and networking opportunities
 - Advanced pathway for board certification
 - Future employment opportunity
- CONS
 - Commitment to specialty area
 - Decreased income for 1 year





Selecting a Residency Program



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How to Select a Program

Residency Program

- What is the reputation of the program/medical center?
- Is it a teaching institution/academic center? (Does it matter?)
- How many years have they offered a residency program?
- How many residents have graduated from the program?
- What positions have past residents been able to obtain?
- What do past residents have to say about the program?
- How much time do I spend on clinical activities (rounds, patient care related activities?
- Are the preceptors recognized for excellence in their area of practice?
- Opportunities available post-residency?



Other Critical Factors

- Patient populations and services
- Service commitment
- Work environment
- Residency projects
- What are the benefits?
- Number of residents in the program
- Are there support systems?





Accredited vs. Non-Accredited

Accrediting Organizations

- ASHP accredited residency
- ACCP peer reviewed fellowship
 - Voluntary peer review process conducted by the ACCP Fellowship Review Committee
- APhA joint accreditation for Community Pharmacy
- AMCP joint accreditation for Managed Care Pharmacy

Pros of Non-Accredited Programs

• Flexible, tailor to your wants/needs

Cons of Non-Accredited Programs

- No standard guidelines, may not obtain adequate components of most residencies
- Accreditation important for PGY1, PGY2; accreditation for fellowships may not be as critical

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In-State vs Out-of-State

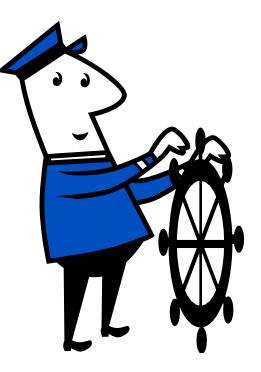
• Pros

- Great way to experience pharmacy (and life) in different region of the country (for 1-2 years)
- Larger network of top ranked programs
- Broadens your network of colleagues
- May be able to compete locally for PGY2 and fellowship positions

Considerations

- Geographic preference
- Financial situation
- Family life
- Culture/extracurricular interests





Finding a Residency Program



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ASHP Residency Directory

https://accred.ashp.org/aps/pages/directory/residencyProgramSearch.aspx



Online Residency Directory

The purpose of the ASHP accreditation program is to identify and grant public recognition to practice sites having pharmacy residency training programs that have been evaluated and found to meet the qualifications of one of the Society's residency accreditations standards. Thus, accreditation of a pharmacy residency program by the Society provides a means of assurance to residency applicants that a program meets certain basic requirements and is, therefore, an acceptable site for postgraduate training in pharmacy practice in organized health care. <u>More...</u>

Pharmacy Online Residency Centralized Application Service opens November 3rd each residency year. PhORCAS http://www.ashp.org/phorcas

Search

Institution Name:		
Location:	Select a State/Country	•
PGY1:	Select a PGY1 Program	•
PGY2:	Select a PGY2 Program	
PGY1/PGY2:	Select a PGY1 & PGY2 Combined Program	•
		SEARCH

The online directory includes Postgraduate Year One (PGY1) pharmacy programs and Postgraduate Year Two (PGY2) pharmacy residency programs. With few exceptions, residency programs participate in ASHP's Resident Matching Program. It is VERY IMPORTANT that you check with the programs that you are interested in to check if they participate in the Match. All residency applicants should become familiar with the Resident Matching Program. The directory provides uniform information about each accredited residency, and also lists information about residency programs in practice sites that have submitted accreditation applications but for which accreditation is still pending, i.e. programs with an accreditation status of pre-candidate, candidate or preliminary. Such residencies are not accredited and their listing in the Directory has no bearing on whether or not they may eventually be accredited.

It is intended that the Directory will be useful primarily to pharmacy students and pharmacists who are interested in applying for admission to ASHPaccredited residency programs. The user is urged to review the Guide to Use of the Directory before attempting to interpret the condensed information in the listings of the individual residency programs.

The information listed in this Directory reflects our most current records. If the information in your listing is not correct, please contact ASHP Accreditation Services Division at (301) 664-8645 or asd@ashp.org.

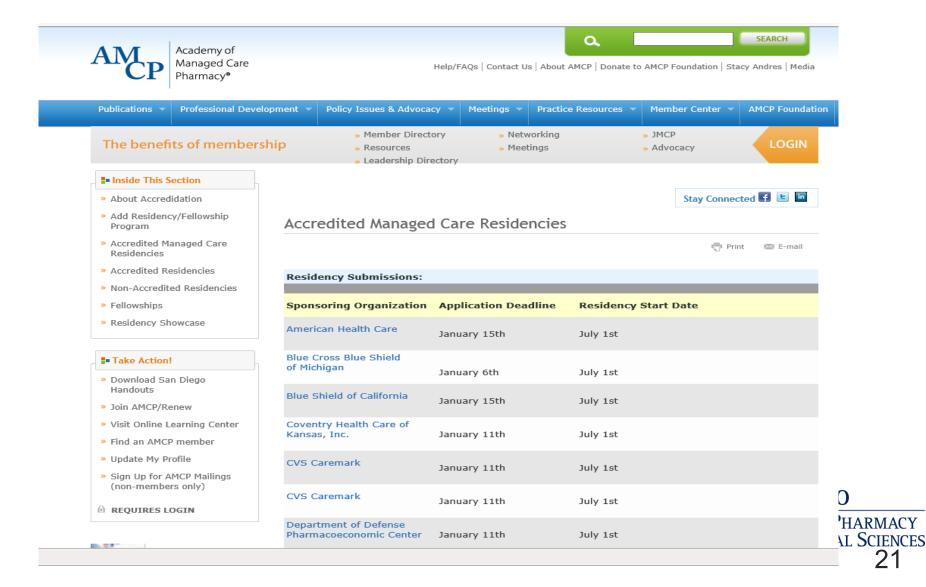
ACCP Residency Directory

https://www.accp.com/resandfel/search.aspx

American College of Pharmacy									
ABOUT	CAREERS	EDU MI	CATION & EETINGS	JOURNAL	MEMBERSHIP	POLICY, PRACTICE, & GOVERNMENT AFFAIRS	PRNS	RESEARCH	
Overview			SEARC		TORY				
Online Positi	on Listings		Please p	erform your sear	rch by selecting the cri	teria for your interests (Default setting	gs will return	all listed):	
Directory of & Graduate	Residencies, Fellov Programs	wships	Specialt	y se Select					•
Residency a	nd Fellowship Foru	ım	Country						
ACCP Repor	t Position Listings		Plea	se Select					•
Specialty Ce Preparation	rtification Examina	ation	State/Pr	ovince					
Specialty Re	certification		Plea	se Select					•
		_	Program	Туре					
			Plea	se Select					•
						Search			
						I	Ριιλ σιλλ	CEUTICAL SCI	ENICES

Managed Care

http://www.amcp.org/InformationForTertiary.aspx?id=9075



UCSD Residency Program

http://health.ucsd.edu/specialties/pharmacy/residency/Pages/default.aspx UC San Diego Health

 MEDICAL SERVICES
 PATIENT GUIDE
 FIND A PROVIDER
 LOCATIONS
 HEALTH INFO
 858-657-7000 [MyUCSDChart Login]

 Home > Medical Services > Pharmacy > Residency
 Sesidency
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About

FAO

Pharmacy

Contacts

Salary / Benefits / House Officer Policy and Procedure

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Residency Programs

UC San Diego Pharmacy Residency

I want to welcome you to our University of California San Diego Health, Pharmacy Department residency site. UC San Diego Health has a long and proud tradition of training pharmacy residents.

Our graduates have been changing pharmacy practice through innovative patient care for over 35 years. Built on that tradition, we offer two PGY1 programs, and seven PGY2 programs. Each of them has their foundation in our organizational excellence, and their strength in our many outstanding preceptors.

All this is right in the middle of the top health system in San Diego, one of the top five in California. I will let you read <u>what others say about our</u> <u>organization</u>. Did I mention that <u>San Diego is America's Finest City</u>?

I hope that you will take a little time to explore our programs, and get a



feel for how we can help you on your unique career path. I look forward to meeting many of you in the future. Let me know if I can help you learn more about UC San Diego Pharmacy residencies. You can follow me on Twitter <u>@daniels ced</u>.

Community Pharmacy

http://www.pharmacist.com/residency



UCSD Community Pharmacy Residency https://pharmacy.ucsd.edu/faculty/residents.shtml

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ABOUT ACADEMIC DEGI PROGRAMS	PROSPECTIVE STUDENTS CURRENT STUDENTS RESEARCH FACULTY RESIDENTS PRECEPTORS ALUMNI & DONORS ADMINISTRATION
Faculty, Preceptors, & Residents	UC San Diego (UCSD) Skaggs School of Pharmacy & Pharmaceutical Sciences (SSPPS) PGY1 Community Pharmacy
Faculty	Residency Program
Preceptors	Program Summary
Residents	Residency positions: 1/year
Experiential Education	Accreditation status Candidate
Faculty Awards and Honors	Appointment:12 months, from July 1-June 30Benefits:Medical, vision, dental, life insurance, vacation, sick time, and professional leave
Course Coordinators and Faculty	Affiliated with:
Voluntary Faculty	Ralphs Pharmacy
Research	Program Purpose
Pharmacoeconomics Forum	The purpose of this one-year, postgraduate training program in community practice is to build upon the doctor of pharmacy (PharmD) education and outcomes to develop community-based pharmacist practitioners with diverse patient care, leadership, and education skills who are eligible to pursue advanced training opportunities including postgraduate year two (PGY2) residencies and professional
Clinical Practice	certifications.
Partners in Medication Therapy	The UCSD PGY1 Community Residency is a collaborative program between UCSD-SSPPS and Ralphs Pharmacy. Residents will have
OASIS Login for Faculty	shared learning experiences with both UCSD Health System and Ralphs Pharmacy.
PILS	Program Outcomes



https://pharmacy.ucsd.edu/faculty/clinical.shtml

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ABOUT	ACADEMIC DEGREE PROGRAMS	PROSPECT STUDENT	CURRENT STUDENTS	RESEARCH	FACULTY RESIDENTS PRECEPTORS	ALUM	NI & DONORS	ADMINIS'	TRATION

Faculty, Preceptors, & Residents

Faculty

Preceptors

Residents

Experiential Education

Faculty Awards and Honors

Course Coordinators and Faculty

Voluntary Faculty

Research

PILS

Pharmacoeconomics Forum

Clinical Practice

Partners in Medication Therapy

OASIS Login for Faculty

Clinical Practice

Anticoagulant Therapy

David Adler, Pharm.D

Cardiology, Antiplatelet and Antithrombotic Therapy

Doug Humber, Pharm.D

Cardiology and Internal Medicine

- Felix K Yam Pharm.D.
- Jennifer Namba, Pharm.D.

Critical Care; Cardiothoracic Surgery; Pulmonary Hypertension

• Farivar Jahansouz, Pharm.D

Diabetes Education and Internal Medicine

• Renu F Singh, Pharm.D, CDE

Diabetes Management

• Candis M Morello, CDE, FASHP

Family Medicine

- Nathan Painter, Pharm.D, CDE
- Sarah McBane, Pharm.D, CDE, BCPS, FCCP

Health Systems, Pharmacy Leadership

Charles Daniels, R.Ph., Ph.D., FASHP



Starting the Process



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Take Advantage of Resources

https://pharmacy.ucsd.edu/current/year04.shtml

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ABOUT	PROSPECTIVE STUDENTS CURRE	ENT STUDENTS	RESEARCH	FACULTY RESIDENTS PRECEPTORS	ALUMNI & DONORS	ADMINISTRA	
Current Studer	ts Year-4 S	Students					
Year 1	CA Board	of Pharmacy Intern H	our Affidavit				
Year 2		e Rules for Getting Pu					
	Experienti	al Education					
Year 3	-	al Education					
Year 4							
E-Handbook	Postgradu	ate Preparati	on				
Licensure Preparation	Program for (
All Students		ate Preparation Sche harmacist Resource (
Student Web Portal		sidency and Fellowsh					
Travel	Presentat						
		_		Charles Daniels, 7/21/15			
Policies & Guidelines		or Residencies by Dr.		r			
Pharm.D./Ph.D. Program	n for	n Vitae Review by Dr. Programs and Care					
Current Students		-	-	by Dr. Marcie Lepkowsky, 9/17/	15		
E*Value		Pearls by Dr. Juan Tole					
PILS	Match Pha	ase I and Phase II Scr	amble by Dr. Marcie I	Lepkowsky, 02/28/16			
PILS	Program for	Class of 2015					
TritonLink	_	Pearls, Dr. Juan Toled	o. 12/16/14				
		Education Program S		15			
		harmacist Resource (
		s where our alumni ha					
	(Students	can contact Kim Cier	o for alumni contact i	nformation to inquire about pro	gram.)		
	Overview	of Postgraduate Train	ing, Dr. Charles Dani	els, 7/22/14			
	Roadmap	to Residency and Fel	lowship, Dr. Kelly Lee	e, 7/22/14			
	CV Review	ws, 8/26/14					
	 Fellowship 	Programs and Care	er Tracks, 8/26/14				
	 Pharmacy 	Residency Applicatio	ns Process, Dr. Felix	(Yam 9/18/14			

Key Dates

CSHP Seminar Residency Showcase (Las Vegas, NV):

Friday, October 27, 2017 2:00pm – 4:30pm Saturday, October 28, 2017 8:00am – 11:00 am (tentative)



ASHP Midyear Clinical Meeting (Orlando, FL) Monday, December 4, 2017

1:00pm – 4:00 pm Tuesday, December 5, 2017

8:00am - 11:00 am & 1:00pm - 4:00 pm



Preparing for Showcases

- Print list of programs before you arrive and prioritize
 - May not need to visit local programs if you know them well
 - Attend all showcase days since different programs show on different dates
 - Research programs prior to arriving at showcases
- Bring plenty of CVs/business cards, notebook, pens
- Dress professionally and manage your time wisely
- Visit programs even if you don't think you will apply you might be surprised
- Be courteous with everyone during entire process
- Talk to different people at the booths; different perspective
- Treat the meeting as a mini-interview; do not be afraid to ask tough questions
- After each program, write down your impressions immediately and make personal notes
 <u>UC San Diego</u>

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Questions – To Ask or Not to Ask?

Questions to Ask

- What are the qualities that you seek amongst your residency candidates?
- What type of mentoring and resident development do you provide?
- Where do your past residents typically work after finishing the program?
- What type of teaching opportunities are available for your residents (if applicable)?
- What is your format for interviews?
- What is your process for selecting elective rotations?
 - May want to follow up with specific rotation if pursuing a PGY2 in that area
- How flexible is your program?
 - Such as repeating a rotation in an interest area, developing a new rotation, schedule changes

Questions NOT to Ask

- Can you tell me about your program?
- Is your program accredited?
- What is your salary?
- What are your benefits?
- How many vacation days do you offer?
- What is your staffing requirement?
- Any question that is easily found on website





Timeline



July – August

- Decide if you're going to apply for a post-graduate program
- Decide type of program (general, specialized, fellowship)
- Decide accredited or non-accredited
- Decide geographic location
- Make list of programs of interest
- Start preparing your CV and determine potential reviewers (CURRENT PRECEPTORS ARE YOUR BEST BET – SO BE ON YOUR BEST BEHAVIOR)
- Register for CSHP Seminar

September – October

- Finalize your CV (takes longer than you think!)
- Start thinking about recommendation letter sources
- Prepare for CSHP Seminar and list of programs
- Have primary and secondary list of programs you want to visit
- Register for ASHP MCM (Registration opens mid-July and open *generally* through November)
- Register for PhORCAS



November 1 – November 30

- Register for the Match and obtain Match number
- Finalize list of recommendation letter sources and set up meetings to formally ask for letters
- Download application forms and start completing applications
- Prepare "packets" for recommendation letters
- Write letter of intent
- Prepare for the ASHP Midyear Meeting



Recommendation Letter Items

- Letter of intent
 - Can be the same one that is needed for the application
 - Purpose is to know why you are applying for residency
- Curriculum Vitae
- A one-page document/table that lists all of the programs that you're applying to including:
 - Exact name of program (e.g. PGY1 Residency in Acute Care, etc...)
 - Exact name, degrees and titles to whom the letter should be addressed
 - · Reasons why you are applying to that residency/fellowship in particular
 - Website of the program and deadline
 - Additional evaluation form needed (Y or N)
 - Ranking of program (if known)
- All items should be emailed by _____ (find out from preceptor/faculty)



December – February

- ASHP Residency Showcase
 - After ASHP MCM, review your notes and finalize your choices
 - Finalize letter of intent
 - Finish applications
- Submit applications
- Programs will send out announcements about on-site interviews (most programs will require one)
- Once you find out about an interview, talk with your APPE preceptor about potential dates and how many days you are allowed
- Schedule the interview and try to find out who you're interviewing with
- Ask details about the schedule, opportunity to talk with residents, tour, etc
- Most programs will not provide accommodations, travel or meal reimbursement (be prepared for any unexpected expenses)
- Make travel arrangements and let your preceptor know

February – March

- Consult with preceptors, faculty members and past residents
- Decide which program to rank
- Submit match rankings (March)
- If not matched, seek other programs
- If matched, sign letter of intent and celebrate!
- Let your references know of the results



And last but not least...



- Note important deadlines and mark your calendars
- Never too early to prepare
- Your CV is probably never perfect but you can try!
- Keep your options open
- Thank those who have assisted you along the way...







Question and Answer Session



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