

# Pharmacy Residency 101

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# Objectives

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- Describe training and career options specific to pharmacy residencies
- Explain the Application and Match Processes
- Identify career development resources that students can leverage to personalize their education
- Develop a plan for applying to residencies, including a timeline and goals

# About Me

- PharmD, Pitt Class of 2012
  - Hospital Internship
  - Community Internship
  - ID Research Project
  - SOP Organization involvement/leadership
    - APhA-ASP, Phi Lambda Sigma, Kappa Psi
- Pharmacy Practice Residency, UPMC Presbyterian, 2012-2013
- Clinical Pharmacist, Baylor Scott & White All Saints, Fort Worth, TX
  - Pharmacy Practice Residency Coordinator, Preceptor & Residency Advisory Committee Member
- Clinical Pharmacist, Family Medicine, UPMC Shadyside
  - Preceptor & Residency Advisory Committee Member
- IT Pharmacist / Team Manager, UPMC Hillman Cancer Center

# When & Why did I choose Residency?

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# What is a Residency?

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- Intensive, condensed post-graduate experience to prepare for future pharmacy practice, **especially clinical** roles
- Provides varied exposure to specific environments where pharmacists are involved in the care of patients directly
- Transitional year(s) from a student environment to patient care provider with preceptor example and “safety net”
- Trending toward a baseline for ANY patient care/hospital roles, not just specialists
- “1 year equal to 3 years experience”
  - “Fast track” toward board certification, and specialist or faculty roles

# Residency Jargon

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“PGY” = Post Graduate Year

- PGY1 – 1<sup>st</sup> year, “General” Residency
  - Pharmacy Practice
  - Community
  - Managed Care
- Online Residency Directory:  
<https://accreditation.ashp.org/directory/#/program/residency>
- Early Commitment for PGY2s
  - Some combined PGY1/2 programs
- PGY2 – 2<sup>nd</sup> year, “Specialty” Residency
  - Ambulatory Care
  - Cardiology
  - Critical Care
  - Emergency Medicine
  - Geriatrics
  - Infectious Disease
  - Internal Medicine
  - Oncology
  - Pediatrics
  - Transplant
  - Administration
  - Many more

# Residency: Things to Know

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- Typically 1 year; start ~July and end the following ~June
- Monthly rotations, longitudinal rotations, major project, staffing, teaching/precepting, presentations
- Stipend/salary is well below average pharmacist pay
  - UPMC: PGY1s - \$50,038 -- PGY2s - \$53,589
- Report to Residency Program Director (RPD) / Advisors / Preceptors
  - Residency Advisory Committee for periodic updates, progress checks
- **Competitive application process!!**
  - Residencies look for well-rounded candidates, taking into account (but not limited to): GPA, internships, projects, School of Pharmacy organization involvement/leadership

# Schedule Example

August	7	8/15	8/19	Orientation	Orientation
	8	8/22	8/26	ID	ID
	9	8/29	9/2	ID	ID
September	10	9/5	9/9	ID	ID
	11	9/12	9/16	ID	ID
	12	9/19	9/23	Research	Research
October	13	9/26	9/30	UB	UB
	14	10/3	10/7	UB	UB
	15	10/10	10/14	UB	UB
November	16	10/17	10/21	UB	UB
	17	10/24	10/28	Research	Research
	18	10/31	11/4	elective onc	OFM
December	19	11/7	11/11	elective onc	OFM
	20	11/14	11/18	elective onc	OFM
	21	11/21	11/25	elective onc	OFM
January	22	11/28	12/2	Research	Research
	23	12/5	12/9	MCM	MCM
	24	12/12	12/16	UB	UB
February	25	12/19	12/23	UB	UB
	26	12/26	12/30	Vacation	Holiday
	27	1/2	1/6	Holiday staffing	Vacation
January	28	1/9	1/13	IFM	Precepting - OIM
	29	1/16	1/20	IFM	Precepting - OIM
	30	1/23	1/27	IFM	Precepting - OIM
February	31	1/30	2/3	IFM	Precepting - OIM
	32	2/6	2/10	Palliative	Research
	33	2/13	2/17	Palliative	IFM
	34	2/20	2/24	ICU	IFM
	35	2/27	3/3	ICU	IFM
	36	3/6	3/10	ICU	IFM

March	37	3/13	3/17	ICU	IFM
	38	3/20	3/24	Research	Research
	39	3/27	3/31	OIM	transitions
April	40	4/3	4/7	OIM	transitions
	41	4/10	4/14	OIM	transitions
	42	4/17	4/21	OIM	transitions
May	43	4/24	4/28	Mgmt	Mgmt
	44	5/1	5/5	Mgmt	Mgmt
	45	5/8	5/12	Mgmt	Mgmt
June	46	5/15	5/19	Mgmt	Mgmt
	47	5/22	5/26	Mgmt	Mgmt
	48	5/29	6/2	Research/Wrap-up	ICU
June	49	6/5	6/9	IFM - Precepting	ICU
	50	6/12	6/16	IFM - Precepting	ICU
	51	6/19	6/23	IFM - Precepting	ICU
	52	6/26	6/29	IFM - Precepting	Research/Wrap-up

# Residency Jargon

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## “Midyear”

- Midyear Clinical Meeting aka Midyear aka MCM
- Annual Meeting of the American Society of Healthsystem Pharmacists (ASHP)
  - Organization that sets residency standards & assesses, certifies programs
  - Largest conference of pharmacy professionals in the world
- Early December each year (middle of the **residency/academic** year)
- Rotates between 4 sites: New Orleans, Orlando, Anaheim, Las Vegas
  - Your School/organizations might help with funding (to this or other conferences)
- Residency Showcase - booth format, come and go (usually wild)
- Personnel Placement Service (PPS) - individual interviews (esp. PGY2)
- Educational & Poster Sessions - for attending, but also participating in!
- Networking Opportunities - other students, faculty, residents, RPDs

# Residency Jargon

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## PhORCAS + The Match

- PhORCAS = Pharmacy Online Residency Centralized Application Service
  - Streamlined system for applications, similar to PharmCAS
  - Applicant information, CV, letter of intent, letters of recommendation
  - Notification of interviews with programs
- The Match = ASHP Resident Matching Program (through National Matching Services Inc.)
  - YOU Submit Rank Order List of preferred placements
  - PROGRAMS Submit Rank Order list of preferred applicants
  - Match algorithm is run (preference toward the applicant's choices)
  - Results are emailed on "Match Day"

<http://www.ashp.org/PHORCAS>

<https://www.natmatch.com/ashprmp/schedule.html>

# Residency Jargon

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## Phase II + The Scramble

### The Match: Phase II

- All unmatched applicants and unmatched positions are re-entered into the match
- Opportunity to apply and interview with unmatched programs
- Complete updated ranking list
- Match algorithm runs a second time

### The Scramble

- Post-Phase II process where unmatched applicants can apply to unmatched programs
- No algorithm, timeline, deadlines, first come-first served

# PhORCAS/Match General Timeline (P4 Year)

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- November: Match registration opens, list of programs participating in the Match become available
- December/January/February: Application deadlines & Interviews
- Early March: Final date for submission of Rank Order Lists for Phase I
- 2 weeks later: Results of the Phase I are released (Match Day - Phase I)  
Phase II application/ interviewing begins
- Early April: Final date for submission of Rank Order Lists for Phase II
- 1 week later: Results of the Phase II are released (Match Day - Phase II)  
Scramble begins

# Match Statistics - 2023

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Phase	Number of Applicants	Number of Positions	M A T C H !	Number of Unmatched Applicants	Number of Unfilled Positions
I - PGY1	4764	4232		1204	672
II - PGY1	1021	653		482	114
I - PGY2	966	999		237	270
II - PGY2	157	251		48	142

- *Numbers exclude Early Commitments in PGY2*

# Match Statistics - 2024 (*in progress*)

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Phase	Number of Applicants	Number of Positions	M A T C H !	Number of Unmatched Applicants	Number of Unfilled Positions
Phase I - PGY1	4756	4255		1226	725
Phase I - PGY2	934	953		212	140

- *Phase II ranks due April 3, results announced April 10*
- *Numbers exclude Early Commitments in PGY2*

# Financial Planning for Residency



- 2023-24 PhORCAS/Match Fees:
  - Match registration: \$160
  - Transcript request: *School fees may apply*
    - Be sure to request transcripts early!
  - Program Submissions:
    - 1st four programs: \$110 total fee
    - Additional programs: \$43 each
- Traveling for on-site interviews: \$\$\$
  - Some will cover select travel costs for applicants, though many do not
  - Expect full-day interviews (overnight stays, if not local)
  - Most provide some meal(s) on day-of
- Consider lower salary for post-grad expenses and planning
  - Most loans offer deferment period in training programs (submit paperwork)

# Preparing for Residency: P1-P4

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- Increase leadership in your chosen organization, research or workplace
  - Within the school or workplace:  
Seek out clinical faculty/pharmacists to assist with projects, ask questions about their training, show interest, assist with presentations/posters, establish rapport, begin networking
- Research residency programs
- Continually update & polish CV
- Be deliberate in choice of experiences, 3rd/4th year experiences/electives that benefit career path
- **LEAVE GOOD IMPRESSIONS - “pharmacy is a small world”**

# Preparing for Residency: P3-P4

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- Participate in recruitment events
  - Residency Showcases
  - Local, Regional, and National Meetings
  - Guest Speakers
  - Webinars
- Explore options at your school like Pitt's **Pharmacotherapy Scholars Program** (ARCO), or similar, if available
  - Rotations within designated sites, longitudinal projects, "mini-residency"
  - Application, Letters of Recommendation, GPA requirements

# Preparing for Residency: P4

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- Go above and beyond expectations while on rotation
  - Ask up front: "What can I do to achieve Honors" or "How can I work toward a positive rec letter?"
- Request "positive" letters of recommendation
- Narrow residency interests and program list
- Prepare CV, interviewing techniques, letters of intent
- Map out Midyear plan
- Research state licensure requirements for programs out of state
- Begin financial planning of licensure and interview traveling requirements

# Other Resource Links

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- ASHP Student Residency Guide:  
<https://www.ashp.org/Professional-Development/Residency-Information/Student-Residency-Guide>
- ACCP Residency, Fellowship, Graduate Program Directory:  
<https://www.accp.com/resandfel/>
- Board of Pharmacy Specialties (Board Certification):  
<https://www.bpsweb.org/>

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