Salem Health
PGY1 Pharmacy Residency

Salem, OR

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Salem Health & Clinics

- 2 Hospitals
  - Salem Hospital: Salem, OR
  - West Valley Hospital: Critical Access; Dallas, OR
- Salem Health Medical Group
  - 26 general and specialty clinics
  - Med management clinic (with pharmacists!)

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Salem Hospital

- Founded in 1896
- 494 licensed inpatient beds
  - Average census 420
- Level II trauma center
- Level II NICU
- Undergoing expansion
  - 120 new beds opening mid-2022
- 115, 487 annual ED visits*
- 14,658 annual surgeries*

*2019 statistics

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Salem Health Pharmacy Services

- ~101 staff members
  - 57 technicians, 44 pharmacists
  - Includes Meds to Beds, Ambulatory Clinic, Outpatient and Specialty Pharmacy programs
- Decentralized clinical services
- Pharmacists manage numerous therapies
- Multidisciplinary rounds in multiple areas

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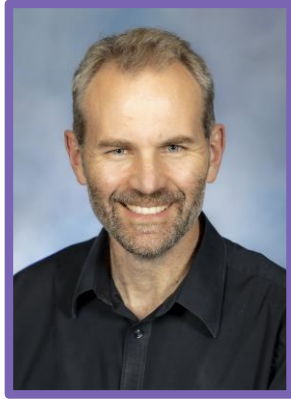Hospitals & Clinics

Salem Health Pharmacy Services

- Centralized unit dose distribution

- Technicians manage distribution system/technology

- Epic EMR with 100% CPOE

- Bedside barcode medication administration

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Program History

- Started in 2013, 13 graduated residents
- Currently accepting two residents annually
- Program Purpose
  - To build on the Doctor of Pharmacy education and to contribute to the development of clinical pharmacists responsible for medication-related care of patients with a wide range of conditions, eligible for board certification, and eligible for postgraduate year two (PGY2) pharmacy residency training.

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Program Leadership

Residency Program Director

Matthew Tanner, PharmD, BCPS

Residency Program Coordinator

Donna Oetama, PharmD

Required Learning Experiences

Learning Experience	Duration
Adult Internal Medicine I & II	1 month
Adult Critical Care I & II	1 month
Emergency Department I	1 month
Cardiovascular Care	1 month
Antimicrobial Stewardship / Infectious Disease I	1 month
IV Room & OR Pharmacy	1 month
Neonatology, Pediatrics & Obstetrics	1 month

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Elective Learning Experiences

- Opportunity to select up to 2 elective rotations

Learning Experience	Duration
Oncology (Adult)	1 month
Antimicrobial Stewardship II	1 month
Emergency Department II	1 month
Ambulatory Care	1 month

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Required Longitudinal Experiences

Learning Experience	Duration
Committees I and II	12 months
Pharmacy Administration	10 months
Residency Project	12 months
Staffing	10 months
Teaching and Learning Experience	12 months

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Staffing Requirements

- ## 32 Hours/month
  - Two 8-hr shifts every other weekend
  - Receive day off Monday following staffing
- ## First half of the year
  - Main Pharmacy
- ## Second half of the year
  - Decentral

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Meeting Attendance

- ASHP Midyear
  - Travel costs covered for each resident
  - Poster submission required

- Northwestern States Residency Conference
  - Typically in May
  - Opportunity to present Residency Research Project

Residency Project

- Research or Quality Improvement focused
- Possible ideas generated by RAC and residency preceptors each year
- Mentorship – pharmacist + interdisciplinary team in many cases

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Resident Project Examples

2021-22   Evaluating the Impact of a Vancomycin Dosing Protocol Utilizing a Pharmacokinetic Calculator and AUC-guided Dosing

Evaluation of a Pharmacist-led Therapeutic Heparin Protocol

2019-20   Early versus Late Midodrine Initiation in Patients with Sepsis and Septic Shock Requiring Intravenous Vasopressors in the Intensive Care Unit

Implementation of a pharmacist-led procalcitonin-guided algorithm for the management of community acquired pneumonia

2018-19   Fixed-dose & Weight-based Dosing of Prothrombin Complex Concentrate (PCC): A Comparison of 3-factor PCC (Profilnine®) & 4-factor PCC (Kcentra®) for Warfarin Reversal

Implementation of a Probiotic Algorithm on Readmission Rates in Patients with C. difficile Infection

2017-18   Accuracy of Clinical Pharmacist Self-Reporting: A Time and Motion Study

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Teaching and Learning Experience

- Participation in Oregon Pharmacy Teaching Certificate (OPTC) program is required
  - Jointly operated by the Oregon State University College of Pharmacy and Pacific University School of Pharmacy
  - Residents that successfully complete all required teaching activities will be awarded a teaching certificate

Teaching and Learning Experience

- Presentation Opportunities
  - Two formal presentations to pharmacy staff
  - Three journal clubs to pharmacy staff
  - One multidisciplinary in-service
  - Smoking cessation presentation
  - Chemeketa Community College
    - Part of OPTC experience

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Medication Use Evaluation (MUE)

- Complete one during course of the year

- Present findings to Pharmacy & Therapeutics Committee

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Drug Monograph

- Part of P&T evaluation process

- Present to Pharmacy & Therapeutics Committee

Medical Emergency Response

- Residents receive upfront training Basic Life Support (BLS), Advanced Cardiovascular Life Support (ACLS) and Pediatric Advanced Life Support (PALS)

- Have the opportunity to actively participate in hospital-wide code blue responses throughout residency year

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Preceptors

- 19 Preceptors and growing

- Check out preceptor bios on the Salem Health PGY1 Residency Website
  - https://www.salemhealth.org/about/careers/salem-health-residencies/pharmacy-residency-2021

Salary & Benefits

- Current salary is ~$51,000 per year
- Dedicated laptop and working space
- Pharmacy residents are eligible to receive Salem Health employee benefits, including:
  - Medical, dental, vision, and prescription insurance coverage
  - Employer-paid life insurance and short term disability insurance
  - Paid time off for vacation, recognized holidays, and sick leave
  - Retirement benefit options including a 401K
  - Covered expenses for professional meeting attendance and travel fees for ASHP Midyear Clinical Meeting and Northwestern States Residency Conference
  - Free parking

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ASHP Match Residency Code

- National Matching Services Match ID: 213913

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Contacts

Residency Program Director

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