Community Pharmacy Residencies and Fellowships

November 18, 2021
Welcome

Jessica Satterfield, PharmD, MBA, CBJ
NCPA Executive Resident
Avant Institute
Population Health and Practice Development
Pharmacy Fellowship

The Avant Institute is proud to offer the Population Health and Practice Development Fellowship, an unaccredited program unique to our organization. This individualized fellowship was designed for the highly-motivated pharmacist who embraces and drives change within the industry. The core values of our organization are evident in the design for this fellowship program that highlights the limitless opportunities for innovation, growth, and job creation for pharmacists in the community and ambulatory care settings.

We will begin accepting applications for the 2022-2023 fellowship year starting November 1, 2021.

Charlotte, NC
CPESN Ohio Residency at Ohio Northern University and Jackson Pharmacy & Wellness Center
Ada & Jackson Center, OH
Kelley-Ross Community Pharmacy Residency Program
Seattle, WA
Who is Kelley-Ross Pharmacy Group?

- Clinical Pharmacy Institute
- Polyclinic Pharmacy
- Compounding Pharmacy
- Long-Term Care Pharmacy
- Union Center Pharmacy
• Non-Traditional, Innovative Practice
• Longitudinal Focus
• Self-Directed Learning
• Non-Accredited Program

• Clinical
• Staffing
• Project Management
• Teaching
A typical week for the resident

2 days clinical/patient care; 1 day project management; 1 day staffing; 1 day flex

**Scheduled commitments: 40-50% of time**
- Staffing
  - 8 hours/week
  - 1 Saturday/month
- Scheduled patient visits
- Senior Drug Education events
- Flu clinics
- Clinical services
  - Training
  - Staffing
- Meetings
- Community engagement presentations

**Unscheduled commitments: 50-60% of time**
- Project development
- Medication Use Evaluations/Quality Improvement Projects
- Patient visit work up & follow up
- Coordinating of events and clinics
- Self guided training
- Journal Club planning & prep
- Precepting students
- CMR and MTM
Who is the ideal candidate?

- ADAPTABLE
- BOLD
- SMART
- ADVENTUROUS

- Location
  - Seattle, WA
- Stipend
  - Starting at $55,000
- Benefits
  - Medical, dental, vision premiums covered
  - Parking in downtown Seattle
  - 401k match
  - 10 vacation days; 7 major holidays; 1 floating holiday
- Early Start Option
- Evaluations
- Application Process
- Interview Process
DEADLINE TO APPLY
December 31st 2021

MORE INFORMATION
kelley-ross.com/cpi/cprp

Katie Berenstein, PharmD
Residency Program Director
kmahan@kelley-ross.com
Enhanced Community Pharmacy Services Fellowship

The Lloyd L. Gregory School of Pharmacy at Palm Beach Atlantic University is pleased to offer an Enhanced Community Pharmacy Services Fellowship. This training program is designed to provide the fellow with a foundation in community-based enhanced pharmacy services. The trainee who completes this program will have an opportunity to refine clinical practice skills, develop skills in implementing clinical services and practice-based research, engage in entrepreneurial and business management activities, and gain experience in teaching student pharmacists. This program is 12 months in duration. PGY1 Community-based Pharmacy Residency experience is preferred but not required. The fellow must also be eligible for licensure in Florida. Appointment includes PBA benefits and a competitive stipend and professional development funds.
Magnolia Pharmacy
PGY1 Community Pharmacy Residency

*Magnolia, TX*
Health Insurance. No BS.

Troy Medicare is a $0/month Medicare plan with $0 prescription copays at independent pharmacies.

Sign up →

Troy Medicare Managed Care Fellowship

Charlotte, NC
University of Iowa
PGY1 Community-based Residency Program

Stevie Veach, PharmD, BCACP - Residency Program Director
stevie-veach@uiowa.edu
UNIVERSITY OF IOWA
PGY1 COMMUNITY-BASED PHARMACY RESIDENCY

Five Practice Sites:
Greenwood Pharmacy, Waterloo
MercyOne Pharmacy, Dubuque
Osterhaus Pharmacy, Maquoketa
HyVee Drugstore, Iowa City
Towncrest Pharmacy, Iowa City
UNIVERSITY OF IOWA
PGY1 COMMUNITY-BASED PHARMACY RESIDENCY

Program established in 1997
• 112 Resident Graduates

<table>
<thead>
<tr>
<th>Graduating College of Pharmacy</th>
<th>#</th>
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<tbody>
<tr>
<td>University of Iowa</td>
<td>33</td>
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<tr>
<td>Drake University</td>
<td>21</td>
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<tr>
<td>Creighton</td>
<td>6</td>
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<tr>
<td>University of Wisconsin Madison</td>
<td>5</td>
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<tr>
<td>University of Missouri-Kansas City</td>
<td>4</td>
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<tr>
<td>University of Michigan</td>
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<tr>
<td>University of Illinois at Chicago</td>
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<tr>
<td>University of Kansas</td>
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<tr>
<td>University of Nebraska Medical Center</td>
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<tr>
<td>Ohio Northern University</td>
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<tr>
<td>Virginia Commonwealth</td>
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<tr>
<td>University of Oklahoma</td>
<td>2</td>
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<tr>
<td>St. Louis College of Pharmacy</td>
<td>2</td>
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<tr>
<td>South Dakota State</td>
<td>2</td>
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<tr>
<td>Other</td>
<td>21</td>
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</table>
UNIVERSITY OF IOWA PGY1 COMMUNITY-BASED RESIDENCY RESIDENCY COMPONENTS

Orientation
Patient Care
Patient Centered Dispensing
Teaching
Resident Research Project
Quality Improvement
Leadership and Professional Development
Practice Management
UNIVERSITY OF IOWA PGY1 COMMUNITY-BASED RESIDENCY
PATIENT CARE

Disease State Management
- Wellmark Value-based Pharmacy Program
  - Diabetes
  - Cardiovascular disease
  - Mental health disorders
  - Asthma
- Medicaid Disease Management Program
  - Asthma and COPD
  - Mental health disorders
  - Substance abuse disorders

Medication Therapy Management
- Medwise/Tabula Rasa
  - Pharmacokinetic interactions and anticholinergic burden
- OutcomesMTM

Iowa Community Pharmacy Enhanced Services Network (CPESN)
- 119 network pharmacies
- Flip the Pharmacy

Immunizations
- Statewide protocol for:
  - All ACIP recommended vaccines or travel vaccines for 18+
  - HPV vaccine for 11+
  - Influenza or public health emergency vaccines 6 months+

Other Statewide Protocols
- Naloxone
- Nicotine-Replacement Tobacco Cessation
- Point-of-Care Testing:
  - COVID-19
  - Strep Group A
  - Influenza

Pharmacy Practice Act Modernization
UNIVERSITY OF IOWA PGY1 COMMUNITY-BASED RESIDENCY
PATIENT-CENTERED DISPENSING

- Continuous Medication Management
- Pharmacist eCare Plans
- Refer patient to services
- Establish relationships
- Counsel effectively

JCPP. The Pharmacists’ Patient Care Process. https://jcpp.net/patient-care-process/
Teaching and Learning Curriculum

- *Pharmacy Educator Preparation Program for Residents (PEPPR)*
- Lead by College of Pharmacy Clinical Faculty
  - Assigned a Faculty Mentor
- One-day workshop and monthly online forums
- Develop a Teaching Philosophy
- Large group lecture & small group facilitation with PharmD and undergraduate students
- APPE/IPPE Preceptor for UI College of Pharmacy and other schools of pharmacy

Teaching Patients
- Disease State Management
- Health and Wellness
- Medication education/counseling

Teaching Health Care Providers
- In-services for nursing or other disciplines
- Lunch and Learns

Teaching Pharmacists
- Staff meetings
- Organizational trainings
- CE Presentations
UNIVERSITY OF IOWA PGY1 COMMUNITY-BASED RESIDENCY
LEADERSHIP AND PROFESSIONAL DEVELOPMENT

Iowa Pharmacy Association (IPA)
- Resident specific meetings
- Resident involvement in IPA committees
- Annual Meeting
- Legislative Day at State Capital
- Present residency project at IPA Innovation and Research Forum

American Pharmacist Association (APhA)
- Attend APhA Annual Meeting (March)
  - Present Research Poster

NCPA Annual Meeting

ASHP Midyear Meeting

Organizational Leadership
- Committees or workgroups within practice

Professional Development
- Attend professional conferences
- Training or educational opportunities
- Mentored by preceptors who are leaders in profession
UNIVERSITY OF IOWA PGY1 COMMUNITY-BASED RESIDENCY RESIDENCY RESEARCH PROJECT

<table>
<thead>
<tr>
<th>Residency Site</th>
<th>Resident</th>
<th>2021-22 Residency Project</th>
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</thead>
<tbody>
<tr>
<td>MercyOne Dubuque Pharmacy</td>
<td>Michael Coleman</td>
<td>Evaluation of Medication Disposal Behaviors Following Outpatient Surgery after Counseling by a Community Pharmacist and Provision of a Home Medication Disposal Kit</td>
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<tr>
<td>Osterhaus Pharmacy</td>
<td>Kate Mouser</td>
<td>Implementation of an Outpatient Antibiotic Stewardship Program in a Rural Iowa Community Pharmacy</td>
</tr>
<tr>
<td>Towncrest Pharmacy</td>
<td>Courtney Tigges</td>
<td>Evaluation of patient perspectives of point of care (POC) testing and medication dispensing by community pharmacists for Streptococcus pyogenes and influenza</td>
</tr>
<tr>
<td>Greenwood Pharmacy</td>
<td>Kaitlyn Pegump</td>
<td>Hepatitis C Screening in a Community Pharmacy Setting: Patient Perspective</td>
</tr>
</tbody>
</table>
UNIVERSITY OF IOWA PGY1 COMMUNITY-BASED RESIDENCY QUALITY IMPROVEMENT

Areas of focus:
- Reduce or prevent medication errors
- Improve patient outcomes
- Improve workflow

Programs of focus:
- Flip the Pharmacy
- Equipp Scores – Medicare Star Ratings
- Wellmark Value-based Pharmacy Program
- ISMP Self-Assessments and Tools
UNIVERSITY OF IOWA PGY1 COMMUNITY-BASED RESIDENCY PRACTICE MANAGEMENT

- Manage dispensing and patient care services
- Participate in organization management and decision-making
- Develop a business plan for a service
- Implement or enhance a patient care service
- Evaluate collaborative practice agreements, standing order or implementation of a state-based protocol
- Identify external factors influencing pharmacy
<table>
<thead>
<tr>
<th>Clinical Community</th>
<th>Ambulatory Care Clinic</th>
<th>Ownership</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academia</td>
<td>PGY2</td>
<td>Fellowship</td>
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</tbody>
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UNIVERSITY OF IOWA PGY1 COMMUNITY-BASED RESIDENCY
CAREERS AFTER RESIDENCY
UNIVERSITY OF IOWA PGY1
COMMUNITY-BASED RESIDENCY
APPLICATION PROCESS

November-December
• Apply in PhORCAS

January 4
• Application Deadline

Mid-January – February
• Interviews

March 4
• Rank lists due

March 16
• Match date

PhORCAS Application Components
1. Letter of intent (addressed to program)
2. 3 references
3. Curriculum vitae
4. College of Pharmacy transcript

Minimum Requirements for Application
• Doctor of Pharmacy degree (anticipated) from an ACPE-Accredited School of Pharmacy
• Prior rotation experience providing high quality community pharmaceutical care
• Eligibility for licensure in Iowa

IOWA PHARMACY
WHY IOWA?

#1 in Opportunity
The State of Iowa ranks at the top U.S. News & World Report category for Opportunity which combines affordability, equality and economic opportunity.

Top 20 School of Pharmacy
The University of Iowa College of Pharmacy is #18 amongst the 143 schools of pharmacy (2020 U.S. News and World Report)

24 Years of Residency Training
The University of Iowa College of Pharmacy boasts the longest continually accreted PGY1 Community-based Residency Program

100+ Residency Graduates
Our program has graduated over 100 community-based residency trained graduates who have gone on to become leaders in a variety of pharmacy practice settings
The University of Mississippi School of Pharmacy
PGY-1 Community-Based Residency Program
PGY-1 Community Pharmacy Residency Program

• Started in July 2009
• Positions based in Oxford and Jackson
• Practice Partners:
  – Healthplus Pharmacy + Wellness
  – Tyson Drug Company
  – Walgreens
  – University of MS Medical Center, Family Medicine
  – Diabetes Care Group
  – G.A. Carmichael Family Heath Center
  – Jackson Free Clinic
Learning Experiences

• Community Pharmacy Practice Experiences
  – Tyson Drug Company, Walgreens (Specialty + Traditional), HealthPlus Pharmacy + Wellness

• Collaborative Care Experiences
  – Teleinsulin/Remote Patient Monitoring, Family Medicine, Annual Wellness Visits

• Community-Based Rural Health Experiences
  – G.A. Carmichael Family Health Center, Diabetes Care Group, Creekmore Clinic

• Teaching and Learning/Academia Experience
  – New Curriculum Integration- P2,P3, P4

• Community Engagement Experience
  – JFC, Charity Pharmacy work, external partnerships

• Wellbeing Experience
  – not formally evaluated in PharmAcademic
Longitudinal Design – Jackson and Oxford

Monday
- Diabetes Care Group
- Walgreens

Tuesday
- HealthPlus
- Family Medicine/Academia

Wednesday
- Walgreens
- HealthPlus

Thursday
- Academia/Teleinsulin
- G.A. Carmichael

Friday
- Fam Med/Office
- Teleinsulin/Office

Saturday
- Jackson Free Clinic (every 4th Saturday)

Monday
- Clinical Services
- Dispensing

Tuesday
- Clinical Services
- Dispensing

Wednesday
- Creekmore Clinic

Thursday
- School of Pharmacy

Friday
- Clinical Services (RPM/CCM)
- Dispensing

Saturday
- Tyson Drug Co (every 5 weeks)
Other Opportunities

• Longitudinal Projects: Research, Quality Improvement, Business Plan
• Grant-writing opportunity
• Teaching and Learning Certificate
• Service to the Profession (student organizations, pharmacy organization service)
• Professional Meeting Travel Included*
• Holidays
• Paid Leave/Sick Time
• Retirement, Benefits

*usually ASHP Midyear
Where Are They Now?

- 30% Board Certified Pharmacists
- 37% on to do PGY-2 programs (ambulatory care, medication safety)
- 48% still in Mississippi
- Ambulatory Care Pharmacists, Community Pharmacists, Residency Program Director, Faculty at Schools of Pharmacy, Med Safety Officer, Transitions of Care, etc..
Connect with us

Follow us on Twitter! @OleMissPharmRes

Let us know you were here by completing our brief contact form:
Resources

Program Website

Highlight Video

Virtual Practice Site Tour

Program Brochure

Website: https://pharmacy.olemiss.edu/pharmacypractice/pgy-1-community-residency/
Highlight video: https://www.youtube.com/watch?v=NxhZ6hdSV1A&t=2s
Video of Practice sites: https://www.youtube.com/watch?v=Q3kxJkDomU
Brochure: https://olemiss.box.com/s/l56g1sul09dw1txmsv2wl8p8x664up2
Community-Based Pharmacy Residency Programs

Our pharmacy residents have the opportunity to practice basic professional skills while developing and implementing innovative patient care programs in a community setting.
University of Kentucky College of Pharmacy
PGY1 Community-Based Residency Program
Lexington, KY
UK CPRP-Overview

• One year, PGY1 residency program
  • July 1-June 30
• Jointly accredited by ASHP & APhA
• Long-standing program initiated in 2001 (20 years)
• One program with 3 sites
  • Kroger Lexington
  • American Pharmacy Services Corporation (APSC)/Wheeler Pharmacy
    Frankfurt/Lexington
  • St. Matthews Community/Speciality Pharmacy
• Graduated 41 community-based pharmacy residents
NCPA Innovation Center/ CPESN Community Pharmacy Fellowship
Practice Transformation to Scale

• Currently 19,400 independent pharmacies
• Just over 3,500 are members of CPESN® USA
• Only ~35-65% are achieving their care plan goals, and those are modest goals
Addressing practice transformation at scale is going to take a new approach

Why not leverage our best asset(s)? 🤔
Luminaries
Practice Transformation
Workflow Implementations
Scaling Innovation

Led by: Practice Transformation Teams

www.flipthepharmacy.com

Network Development
Quality Reporting
Payer Engagements

Led by: The Pharmacy Providers Themselves

www.cpesn.com

Care Plans
mmHg
A1c Coaching

Students
Residents
Curriculum
Research
Innovation

QA and QI Referrals
Payment / Contracts

Learners as Innovators
Learners as Teachers
Teachers as Innovators

Led by: Faculty from Schools of Pharmacy

www.actforpharmacy.com

NCPA Innovation Center/CPESN
Community Pharmacy Fellowship
Current Model
(Residency)
(Still Superior, Still Needed, ...Slow to Grow)

Scalable Model
Learning Structure

Regular luminary-led virtual education presented in Dyads
- One Dyad is a recorded lecture paired with a live webinar

Core curriculum is divided into 3 groups:
- Practice Transformation
- Management
- Patient Care (led by ACT faculty)

Regular facilitated discussion groups

Fellow-led capstone project designed to improve or introduce a new service
Why participate?

Fellow will leave with:
- Ability to implement multiple clinical programs and workflows
- Expanded professional network

Pharmacy will leave with:
- Multiple new clinical programs implemented
- Progress Reports to show change in clinical output (care plans, clinical measures, etc.)
Who is the ideal fellow?

- Licensed pharmacist practicing at CPESN pharmacy
  - ✓ Current employee
  - ✓ New employee
  - ✓ Owner
  - ✓ New grad
  - ✓ Experienced pharmacist
Site Requirements

- Provide Letter of Recommendation from local CPESN
- Provide employees with access to eCarePlan capable system
- Provide Salary and Benefits to the Fellow
- Allow at least 12 hours per week fellowship-directed activities
- Provide the Fellow with quarterly evaluations
Fellows will be evaluated onsite performance in:

- Care plan submissions
- Clinical measures taken and recorded
- New workflows implemented
Timeline (2022-23 Cycle)

Applications open March, 2022

Program runs Sept 1st, 2022 - August 30, 2023

Capstone Project Due August 2023
Breakout Rooms

Please join breakout rooms to chat with representatives of programs you might be interested in to ask your specific questions!