Program Overview

Purpose

The purpose of the Spectrum Health Postgraduate Year Two (PGY-2) Critical Care Pharmacy Residency Program is to build on the Doctor of Pharmacy (Pharm.D) education and Postgraduate Year One (PGY-1) pharmacy residency programs to contribute to the development of clinical pharmacists with expert knowledge and skills in critical care pharmacy practice. The program provides residents with opportunities to function independently as practitioners by conceptualizing and integrating accumulated experience and knowledge. Residents who successfully complete the program should possess skills and knowledge that should qualify them for opportunities as a critical care hospital pharmacy practitioner, clinical pharmacy specialist, or non-tenure track faculty member.

Overview

The Department of Pharmacy at Spectrum Health is dynamic with over 200 employees focusing on pharmaceutical care. Service is provided in a multidisciplinary decentralized model. The primary sites for the critical care residency consist of: Butterworth Hospital, Blodgett Hospital, and Helen DeVos Children’s Hospital, which have 1061 licensed beds in total of which approximately 100 beds are devoted to adult critical care patients.

Strengths of the Spectrum Health PGY-2 Critical Care Pharmacy Residency:

- Variety of both required and elective rotations with flexibility of scheduling to align with resident areas of interest
- Preceptors that routinely practice in the areas they precept and provide direct modeling and mentoring for patient care experiences and project assignments
- Resident selects his/her advisor who is a member of the residency advisory committee (RAC)
- Resident progress is tracked, evaluated, and communicated regularly
- Research projects are high priority in the department and progress is monitored with presentations
- Affiliation with Ferris State University College of Pharmacy with opportunities for adjunct faculty status, teaching, mentoring, and precepting
- ACLS or PALS certification

Requirements

- For application:
  - Qualified applicants are graduates of an Accreditation Council for Pharmacy Education (ACPE) accredited degree program (or one in process of pursuing accreditation) or have a Foreign Pharmacy Graduate Equivalency Committee
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(FPGEC) certificate from the National Association of Boards of Pharmacy (NABP). At minimum, the program must be a five-year pharmacy degree program.

- Qualified applicants have completed an ASHP-accredited PGY-1 hospital pharmacy residency program or with an ASHP sanctioned PGY1 exemption as evidenced by a PharmAcademic inquiry and/or proof of certificate of completion prior to enrollment.
- Are eligible for licensure to practice pharmacy in the state of Michigan within 90 days of hire. Failure to comply will result in dismissal from the program.

For successful residency completion:

- The Spectrum Health Postgraduate Year 2 (PGY-2) Critical Care Pharmacy Residency must be a minimum of 12 months in length (full-time practice commitment or equivalent) with successful completion of required, elective, and longitudinal rotations
- The resident and program will comply with ASHP-duty hour standards and will acknowledge throughout the residency year at least monthly: (https://www.ashp.org/-/media/assets/professional-development/residencies/docs/duty-hour-requirements.ashx)
- ACLS certification within 90 days of start date or active ACLS certification with active participation in cardiac arrest (code blue), intubation, code stroke, and RAP (rapid decompensation) events throughout the year
- Denotation of “Achieved for Residency” (ACHR) for 85% of the program’s designated goals and objectives (https://www.ashp.org/-/media/assets/professional-development/residencies/docs/pgy2-newly-approved-critical-care-pharmacy-2016)
- Denotation of completion of all the PGY-2 Critical Care Appendix topic areas and any other Spectrum Health required topics
- Denotation of “Achieved for Residency” (ACHR) for Goal R2.2, a major novel research project
- Presentations/CE
  - Present at a major conference (research project from the year or previous research). Examples: SCCM annual congress, Great Lakes Residency Conference, ACCP, ASHP Midyear meeting (formal)
  - Continuing Education (CE)
    - One presentation for Spectrum Health Pharmacy department
    - One additional CE for a local/national group (examples: Spectrum Health Internal Medicine Grand Rounds, West Michigan Pharmacists Association, American Association of Critical Care Nurses)
    - One Nursing in service or medical resident education lecture/topic discussion
- Additional Projects
  - One protocol/orderset change/creation involvement or ICU process improvement initiative
  - Perform 1 critical care medication use evaluation, as requests dictate
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- Committee Involvement
  - Be a contributing member of ACC P&T subcommittee or Anesthesia P&T subcommittee
  - Attend ACC Quality and Safety meeting
  - Attend SHGR P&T as needed

- Teaching
  - Apply for adjunct assistant faculty status with the Ferris State University College of Pharmacy ([https://fsupreceptor.com/preceptors/how-to-become-a-preceptor/](https://fsupreceptor.com/preceptors/how-to-become-a-preceptor/)) at the beginning of the residency year
  - Participate in the Ferris State University Pharmacy Education Development and Lecture Series (PEDALS) learning seminar ([https://ferris.edu/HTMLS/colleges/pharmacy/pedals.htm](https://ferris.edu/HTMLS/colleges/pharmacy/pedals.htm)) (if have not already completed a similar program during PGY-1 year).
  - Teach a lecture for Ferris State University College of Pharmacy
  - Involvement with Spectrum Health Advanced Practice Pharmacy Education and/or Ferris State Pharmacy students (specific requirements to be determined)

Rotations/Experiences

The first month of the residency program consists of orientation to the residency program, pharmacy department, health system, and training in the service commitment area. If PGY-2 is an early commit PGY-1 of Spectrum Health, the orientation month may be substituted with an available rotation.

**Required rotations (1 month in length):**
- Orientation (July)
- Project month (December)
- Medical Critical Care (Butterworth)
- Medical Critical Care/Burn (Blodgett)
- Surgical Critical Care 1
- Surgical Critical Care 2
- Cardiothoracic Critical Care
- Neurocritical Care
- Emergency Medicine

**Elective rotations (1 month in length):**
- Pediatric/Neonatal Critical Care
- Infectious Disease
- Adult Solid Organ Transplant
- Toxicology
- Academia
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- Repeat required rotation, not to exceed 3 months in single ICU space

**Required longitudinal experiences include:**
- Service commitment
- Committee involvement (see above)
- Medical emergencies (see above)
- Major novel research project (see above)

Typical ICU schedule would be sequenced as follows:
- July: Orientation
- August: Medical Critical Care (Butterworth)
- September: Surgical Critical Care 1
- October: Neurocritical Care
- November: Cardiothoracic Critical Care
- December: Project month
- January: Emergency Medicine
- February: elective 1
- March: Surgical Critical Care 2
- April: Medical Critical Care/Burn (Blodgett)
- May: elective 2
- June: elective 3

**Service Commitment**
The resident’s service commitment consists of staffing in the Meijer Heart Center ICU satellite pharmacy every third weekend. During the training phase of staffing, the resident may need to begin as every other weekend until deemed competent. Expectations for independent practice will be determined on an individual basis, but typically expected by the end of September. Additionally, there is a requirement of 2 major holidays (Thanksgiving or Christmas and New Year’s Day or Memorial Day) as well as a total of 7 staffing shifts in the month of December.

**Stipend and Benefits**
Pharmacy residents receive a competitive compensation package which includes an annual salary, health benefits, and paid time off.
- **Stipend/salary:** The annual residency stipend is $50,000
- **Benefits:** Residents are eligible for medical, dental, vision, and life insurance
- **Paid time off (PTO):** PTO days include vacation, sick, and personal days. The above listed major holidays are recognized as paid holidays (aside from required staffing). PTO utilization and regulation will follow Spectrum Health’s “Paid Time Off” Policy and procedure.
- **Travel expenses:** Paid travel expenses (hotel, registration, transportation) to ASHP Midyear Clinical Meeting and SCCM Annual Congress
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- **Office and Resources:** The resident will have dedicated office space. The resident will be supplied with an individual computer workstation, electronic Lexi-Comp® subscription, white lab coat, desk phone, Ascom phone, pager, photocopying privileges, access to the Health Sciences Library resources, and business cards.

Application

The Spectrum Health Postgraduate Year Two (PGY-2) Critical Care Pharmacy Residency participates in the match and is pending accreditation by ASHP.

PGY-2 Critical Care Pharmacy Residency National Matching Service Code: 786452

All PGY-2 residency applications will be accepted through the Pharmacy Online Residency Centralized Application Service (PhORCAS).

- **Application deadline:** December 31, 2019
- **Application requirements:**
  - Completed application
  - Letter of intent
  - Curriculum Vitae
  - Three completed standardized reference forms in PhORCAS
  - Verified Transcripts

Interview

Interviews are half-day and generally on Fridays in January and/or February.

All candidates selected for an on-site interview will be expected to prepare and present a presentation to the Spectrum Health PGY-2 Critical Care Pharmacy Residency Advisory Committee (RAC).

All candidates selected for an on-site interview will be required to submit an additional application on the Spectrum Health website and will be interviewed by phone by a Human Resources representative.

Match

The Spectrum Health residency agrees that no person will solicit, accept, or use any ranking related information from any residency applicant.

All match offers are contingent on the application process including, but not limited to, reference checks, background checks, and obtaining licensure as a pharmacist in the State of Michigan within 90 days of the start date.
Program Overview

Preceptors
Peggy deVoest, PharmD | Academia | Peggy.deVoest@spectrumhealth.org
Allison Dzingle, PharmD, BCCCP | Neuroscience Critical Care | Allison.Dzingle@spectrumhealth.org
Matthew Gurka, PharmD, BCCCP | Adult Critical Care | Matthew.Gurka@spectrumhealth.org
Calvin Ice, PharmD, BCCCP, BCPS | Surgical Critical Care | Calvin.Ice@spectrumhealth.org
Bryan Judge, MD | Toxicology | Bryan.Judge@spectrumhealth.org
Brittany Kiracofe, PharmD, BCCCP | Surgical Critical Care | Brittany.Kiracofe@spectrumhealth.org
Greg Kwiatkowski, PharmD, BCPS | Emergency Medicine | Gregory.Kwiatkowski@spectrumhealth.org
Tuan Lam, PharmD, BCCCP | Medical Critical Care | Tuan.Lam@spectrumhealth.org
Jennifer Mc Dermott, PharmD, BCPS | Solid Organ Transplant | Jennifer.McDermott@spectrumhealth.org
CJ Michaud, PharmD, BCCCP, BCPS | Cardiothoracic Critical Care | CJ.Michaud@spectrumhealth.org
Kyle Schmidt, PharmD, BCCCP | Academia | KyleSchmidt@ferris.edu
Lindsay Schray, PharmD, BCPPS | Neonatal Critical Care | Lindsay.Schray@spectrumhealth.org
Donald J. Scott, PharmD | Adult Infectious Diseases | Donald.Scott@spectrumhealth.org
Ankit Shukla, PharmD, BCPPS | Pediatric Intensive Care | Ankit.Shukla@spectrumhealth.org
Wendy L. Thomas, PharmD, BCCCP | Medical Critical Care | Wendy.Thomas@spectrumhealth.org
Derek Vander Horst, PharmD, BCPS | Adult Infectious Disease | Derek.VanderHorst@spectrumhealth.org

Program Director:
Matthew T. Gurka, PharmD, BCCCP
Clinical Pharmacy Specialist, Adult Critical Care
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Grand Rapids, MI 49503
Matthew.Gurka@spectrumhealth.org

Previous Program Graduates

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<thead>
<tr>
<th>Residency Year</th>
<th>Name</th>
<th>Institution</th>
</tr>
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<tbody>
<tr>
<td>2003-2004</td>
<td>Tracy Mingori</td>
<td>Aurora BayCare Medical Center</td>
</tr>
<tr>
<td>2010-2011</td>
<td>Dustin Gladden</td>
<td>St. Joseph Mercy Oakland</td>
</tr>
<tr>
<td>2011-2012</td>
<td>John Snider</td>
<td>UC Davis Medical Center</td>
</tr>
<tr>
<td>2012-2013</td>
<td>Zachary Kirschner</td>
<td>University of Virginia Charlottesville</td>
</tr>
<tr>
<td>2013-2014</td>
<td>Christopher Michaud</td>
<td>Spectrum Health</td>
</tr>
<tr>
<td>2018-2019</td>
<td>Kumaran Ramakrishan</td>
<td>Spectrum Health</td>
</tr>
<tr>
<td>Current</td>
<td>Katie Chernoby</td>
<td>Spectrum Health</td>
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For more information visit: http://www.spectrumhealth.org/PharmacyResidencyProgram