

Midwestern University Chicago College of Pharmacy

Residency/Fellowship Programs and Positions

- Affiliated program
 - PGY1 – Community (3 positions affiliated with Midwestern University Chicago College of Pharmacy)
 - Jewel-Osco
- College-managed and sponsored programs
 - PGY2 – Ambulatory Care (2 positions total)
 - Advocate Medical Group – Southeast (Chicago, IL) – 1 position
 - Advocate Dreyer Medical Clinic (Aurora, IL) – 1 position
 - PGY2 – Critical Care (4 positions total)
 - Northwestern Memorial Hospital (Chicago, IL) – 2 positions
 - Rush University Medical Center (Chicago, IL) – 2 positions
 - PGY2 – Infectious Diseases (ID) (3 positions total)
 - Central DuPage Hospital (Winfield, IL) – 1 position
 - Northwestern Memorial Hospital (Chicago, IL) – 1 position
 - Rush University Medical Center (Chicago, IL) – 1 position
 - Fellowship – Infectious Diseases (ID) Pharmacotherapy (2 positions total)
 - Midwestern University (Downers Grove, IL) and Northwestern Memorial Hospital (Chicago, IL) – 1 position available each year for a 2-year contract

Midwestern University Chicago College of Pharmacy (MWU-CCP), the second college established within Midwestern University, is located in Downers Grove, Illinois, about 22 miles west of downtown Chicago. The college enrolls slightly over 200 pharmacy students each fall in its Pharm.D. curriculum and is fully accredited by the Accreditation Council for Pharmacy Education.

In 1998, MWU-CCP began its first college-managed residency program, a pharmacy practice residency later called a PGY1 pharmacy residency. This program concluded in June 2015, but learning experiences from it were repurposed for a new PGY2 ambulatory care residency program, which began July 1, 2015. MWU-CCP began to affiliate with community pharmacy partners in 2001 for community pharmacy residencies and later developed its own PGY2 ID program in 2007 and PGY2 critical care program in 2009. A 2-year ID fellowship was established in 2008, and in 2014, MWU-CCP began recruiting a fellow every year so that there would consistently be a junior (first year) and senior (second year) fellow at all times. All of the college's residency and fellowship programs collaborate with health systems and community pharmacies in Chicago and its suburbs to provide a variety of learning experiences for residents and fellows.

Residents and fellows completing college-sponsored programs are all fully salaried by MWU-CCP. In addition, they receive benefit and holiday packages somewhat similar to those of MWU-CCP faculty/staff. Each program is overseen by a residency program director (RPD) or fellowship director (FD), who are all MWU-CCP pharmacy practice faculty members with clinical practice sites. In addition, each residency program has designated clinical site coordinators (CSCs) who organize the schedule of residents at their site and advocate for the residents' and the site's interests through the program's respective Resident Advisory Committee (RAC). Some CSCs are MWU-CCP faculty; others are employed by the primary practice site, depending on the residency program. Across all programs, a wide variety of preceptors oversee the day-to-day learning experiences of the residents and fellows. Most of the PGY2 ambulatory care program preceptors are MWU-CCP faculty; however, most of the preceptors for the other residency and fellowship programs are employed by the sites.

While the RPDs, CSCs, and preceptors oversee and manage residents' and fellows' clinical and research activities at the practice sites, the assistant dean for postgraduate education (ADPE) is the personnel manager of the residents and fellows at the college. That is, the ADPE manages timecards and time-off requests, oversees the budgets for all of the college's residency and fellowship programs, and ensures that residents and fellows are adhering to MWU-CCP policies. The ADPE also supports all the individual RACs as an ex officio member and chairs the College Residency Advisory Committee (CRAC), which sets the policy for all college residency and fellowship programs. The ADPE organizes and oversees residency accreditation and fellowship peer review processes and works closely with the RPDs and the FD to ensure consistency and quality across programs.

As a college of pharmacy, MWU-CCP places high value on residency and fellowship candidates with a sincere interest in teaching and learning. All of the college's residency and fellowship programs prepare graduates to pursue and obtain faculty positions at colleges of pharmacy. To this end, MWU-CCP has a robust Teaching and Learning Curriculum (TLC) longitudinal learning experience in which all residents and fellows are required to participate. The TLC consists of live seminars, required teaching activities, and the submission of a teaching portfolio. In addition to the TLC, MWU-CCP offers the Pharmacy Management and Leadership Curriculum (PMLC) and the Research Curriculum (RC) as other required longitudinal learning experiences. Seminars for these curricula are scheduled and conducted before residents and fellows need to use the content discussed in teaching or research activities; therefore, most of the live seminars are scheduled toward the beginning of the academic year. Most residents and fellows model the non-tenure-track faculty scheduling at MWU-CCP in spending about 4 days (Monday – Thursday) at their practice site and 1 day (Friday) at the college. This varies throughout the year, depending on college and site commitments, as it would for non-tenure-track faculty with active practice sites. The TLC, PMLC, and RC allow unique opportunities for residents and fellows from different programs to learn together and share their viewpoints and practice experiences.

The TLC provides the framework for residents and fellows to develop the skills needed in clinical faculty positions. Often, the day-to-day responsibilities of a resident or fellow do not incorporate discussion and reflection on teaching methods such as precepting and lecturing, and the TLC aims to deliver this foundation. Examples of topics discussed in seminars include developing optimal learning objectives, writing selection-type and supply-type exam questions, incorporating active learning, and holding global discussions regarding pharmacy curricular requirements and accreditation processes. Residents and fellows also lead educational journal clubs to discuss teaching and precepting methods. In-classroom learning is then coupled with application of teaching methods. Residents and fellows are involved in developing and delivering a didactic lecture, facilitating small-group workshops, presenting a continuing education seminar, and precepting IPPE and APPE pharmacy students at the practice sites. The resident's or fellow's teaching philosophy and reflection on various TLC activities are incorporated into a teaching portfolio that the trainees can use throughout their professional career.

The PMLC aims to encourage reflection and discussion on what it means to be a leader or manager in the profession of pharmacy. Seminar topics include clinical quality improvement, professional organization involvement and advocacy, and development of a clinical service. At the beginning of the year, residents and fellows take a personal strengths assessment (StrengthsFinder 2.0) and discuss their individual results to better identify how personal attributes can be used as an advantage when collaborating with others. Residents and fellows all complete a clinical quality improvement project or new clinical service project throughout the year.

The RC helps prepare trainees for their longitudinal research projects. Seminar topics include statistics, research project planning, tips for data organization, manuscript writing, and ways to become involved in the peer review process. In addition to the RC, MWU-CCP supports two competitive Resident/Fellow Research Starter grants each year as an opportunity for residents and fellows to receive additional funds for enhancing their research projects.

The unique program at MWU-CCP allows residents and fellows from numerous specialties and practice sites to convene regularly for projects and discussion. Because residents and fellows rarely have insight into practice differences across institutions, the design of the programs with MWU-CCP as the central base allows opportunities for residents and fellows to gain a broader understanding of pharmacy practice. Residents and fellows have dedicated time at MWU-CCP, which fosters an environment focused on teaching and student involvement. Ultimately, MWU-CCP's program design allows residents and fellows to simulate the job of a non-tenure-track or clinical faculty member with hopes that they go on to seriously consider academia as a career choice.

For additional information on residency and fellowship programs at MWU-CCP, please visit www.midwestern.edu/ccp/residency.

Submitted by:

Kelly Burke, Pharm.D., BCPS

PGY2 Ambulatory Care Pharmacy Resident and Visiting Instructor

Jacob P. Gettig, Pharm.D., MPH, BCPS, CHCP

Assistant Dean for Postgraduate Education and Professor of Pharmacy Practice