

2013 Residency Showcase

Illinois Council of Health-System Pharmacists

- 1) Booth # 11 Advocate Christ Medical Center – Advocate Children’s Hospital, Oak Lawn, IL
- 2) Booth # 29 Beaumont Hospital, Royal Oak , MI
- 3) Booth # 04 Captain James A. Lovell Federal Health Care Center, North Chicago, IL
- 4) Booth # 22 Concordia University Wisconsin School of Pharmacy, Mequon, WI
- 5) Booth # 05 CPS/Mercy Hospital and Medical Center, Chicago, IL
- 6) Booth # 18 Critical Care Systems, Elmhurst, IL
- 7) Booth # 09 Dominick’s Pharmacy – Community Residency, Oakbrook, IL
- 8) Booth # 33 Edward Hines, Jr. VA Hospital, Hines, IL
- 9) Booth # 03 Franciscan St. Margaret Health, Hammond, IN
- 10) Booth # 34 Froedtert Hospital, Milwaukee, WI
- 11) Booth # 35 Ingalls Memorial Hospital, Harvey, IL
- 12) Booth # 27 Iowa City Veterans Affairs Healthcare System, Iowa City, IA
- 13) Booth # 26 Jesse Brown VA Medical Center, Chicago, IL
- 14) Booth # 15 Loyola University Medical Center, Maywood, IL
- 15) Booth # 21 Lutheran Health Network, Ft Wayne, IN
- 16) Booth # 10 Marshfield Clinic, Marshfield, WI
- 17) Booth # 14 Mercy Health Saint Mary’s (Saint Mary’s Health Care), Grand Rapids, MI
- 18) Booth # 02 Midwestern University Chicago College of Pharmacy, Downers Grove, IL
- 19) Booth # 17 Mount Sinai Hospital, Chicago, IL
- 20) Booth # 31 Northshore University Health System, Evanston, IL
- 21) Booth # 08 Northwestern Memorial Hospital, Chicago, IL
- 22) Booth # 30 OSF St. Francis Medical Center and Children’s Hospital, Peoria, IL
- 23) Booth # 01 Palos Community Hospital, Palos Heights, IL
- 24) Booth # 06 Parkview Regional Medical Center, Fort Wayne, IN
- 25) Booth # 12 Presence St. Joseph Medical Center, Joliet, IL
- 26) Booth # 13 Rush University Medical Center, Chicago, IL
- 27) Booth # 20 Rutgers Institute for Pharmaceutical Industry Fellowships, Piscataway ,NJ
- 28) Booth # 28 St. Elizabeth’s Hospital- SIUE School of Pharmacy, Belleville, IL
- 29) Booth # 19 St. John’s Hospital, Springfield, IL
- 30) Booth # 16 Swedish American Hospital, Rockford, IL
- 31) Booth # 24 University of Chicago Medical Center, Chicago, IL
- 32) Booth # 32 University of Illinois at Chicago, Chicago, IL
- 33) Booth # 07 UW School of Pharmacy – Community Pharmacy Residency, Madison, WI
- 34) Booth # 23 VA Illiana Health Care System, Danville, IL
- 35) Booth # 25 Wheaton Franciscan Inc. – St. Joseph Hospital, Milwaukee ,WI

ICHP 2013 Residency Showcase

SATURDAY, SEPTEMBER 21st

1:00 PM to 3:00 PM ~ Terrace Ballroom

Residency Description

Advocate Christ Medical Center Oak Lawn, Illinois

Residency Director: Rolla Sweis, rolla.sweis@advocatehealth.com

PGY1- 2 positions PGY2 in ER – 1 position

Advocate Christ Medical Center is a 695-bed teaching, research and tertiary care hospital, Level I trauma center, Level III perinatal center, and one of the largest hospitals in the Chicago area. As part of ACMC, Advocate Children's Hospital is one of the most comprehensive providers of pediatric services in the state.

- *The PGY-1 Residency at (ACMC) is a compressive twelve-month program designed to professionally cultivate expert clinicians who possess a strong desire to practice independently and excel in clinical service. The program emphasizes clinical practice and includes rotations in anticoagulation, drug information, emergency medicine, general medicine, infectious disease, medical intensive care, pediatrics, practice management, and surgical intensive care. Elective rotations are available in other clinical and administrative areas.*
- *The goal of the PGY-2 Residency in Emergency Medicine at ACMC is to professionally prepare a pharmacist for successful clinical practice in an emergency department. This one year residency program is designed to provide advanced training in all aspects of emergency care, including toxicology, critical care, and emergency preparedness. The pharmacy resident will demonstrate an understanding of the pathophysiology, diagnosis, and management of disease states common within the ED and will optimize drug therapy through the development of evidence-based treatment plans. The resident will be required to participate in research, provide education to pharmacy and ED staff, and serve as a co-preceptor for pharmacy students and general practice residents.*

Beaumont Hospital Royal Oak, Michigan

Residency Director: Lisa Forsyth, lforsyth@beaumont.edu

PGY1-6 positions PGY2- 3 positions

Beaumont, Royal Oak is a 1070-bed nationally recognized hospital offering a wide variety of medical and surgical services to the metropolitan Detroit area. Beaumont, Royal Oak is recognized by US News and World Report as one of "America's Best Hospitals" in 16 specialties. The Department of Pharmaceutical Services utilizes a unit-based services practice model where pharmacists have responsibilities for distributive and clinical functions. The delivery of pharmacy services is supported by a centralized pharmacy and 6 satellites. Pharmacy operations are enhanced with state-of-the-art technology including, Talyst Automated Medication Storage, automated preparation of small volume parenterals and Pyxis Dispensing systems. A variety of clinical services are offered including, but not limited to: pharmacokinetic dosing, anticoagulation monitoring, antibiotic monitoring, renal dose adjustments, fall consults, IV to PO conversion, pain consults, and participation in multidisciplinary rounds.

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Our institution employs 22 Clinical Pharmacy Specialists, the majority of whom hold adjunct faculty appointments with neighboring Colleges of Pharmacy and/or the William Beaumont Oakland University School of Medicine.

Residency Programs offered at Beaumont, Royal Oak:

- **PGY1 – Pharmacy Practice (6 positions available)**
 - *Our PGY1 residency program has been in existence for over 30 years. The program offers individualized professional development through completion of various learning experiences and longitudinal requirements. Residents have the opportunity to enroll in a Teaching Certificate Program, ACLS and a newly offered Leadership Curriculum. A major goal within our PGY1 program over the next several years will be enhanced alignment of the program with our pharmacy practice model to support the PPMI. Program Director: Maureen Smythe (msmythe@beaumont.edu); Program Contact: Lisa Forsyth (lforsyth@beaumont.edu)*
- **PGY2 – Health System Pharmacy Administration (1 position available)**
 - *The PGY2 Health System Pharmacy Administration program was established in 2012 and is currently in “pre-candidate” status (accreditation survey planned for 2013). The year-long program is designed to achieve RLS goals through longitudinal experiences and projects in operational, clinical, financial, supply-chain and human resource management. The goal of the program is to prepare candidates for a supervisory or managerial position immediately upon completion of the program, with an eventual position as a director of an academic medical center. Program Director: Heidi Pillen (hpillen@beaumont.edu)*
- **PGY2 – Ambulatory Care (1 position available)**
 - *The PGY2 Ambulatory Care program has been ASHP accredited since 2007. Our residents complete required rotations in the Outpatient Clinic Anticoagulation Service, Diabetes Clinic, Outpatient Internal Medicine Clinic and Practice Management. Residents can individualize their experience through the selection of various elective experiences some of which include: Endocrinology, Heart Failure Clinic, Academics, Outpatient Infectious Disease and Cardiology. Residents are also offered the opportunity to gain teaching experience thru serving as a clinical instructor for a Patient Care Lab, delivering didactic lectures, and as a preceptor for pharmacy students and PGY1 residents. Program Director: Sarah Muench (smuench@beaumont.edu)*
- **PGY2 – Critical Care (1 position available)**
 - *The PGY2 Critical Care Residency is a 12-month program that strives to meet the needs of the resident based on previous PGY-1 residency experience, interests, and individual goals of the candidate. The program provides training and education to pharmacists interested in multiple critical care areas, and creates an independent and competent practitioner that provides comprehensive patient care in a critical care setting. Program Director: Jim Winegardner (jwinegardner@beaumont.edu)*

Captain James A. Lovell Federal Health Care Center North Chicago, Illinois

Residency director: Janet Ledenman, Janet.Ledenman@va.gov:

Residency positions – PGY1: 2 positions, PGY2: 3 positions

This pharmacy practice residency program enables the resident to participate in structured diverse direct patient care rotations and ongoing experiential activities to achieve the resident’s goals. The resident will be exposed to multiple patient care settings including acute care, ambulatory care, long-term care, home based primary care and psychiatry. Pharmacy practice skills are enhanced by automation, electronic medical record, formulary management, investigational drug studies and performance improvement projects. Teaching opportunities include co-precepting students, presenting educational programs to allied health professionals and optional didactic lectures at Midwestern University. Residents have the opportunity to receive their teaching certificates through Rosalind Franklin University, College of Pharmacy. A research project is required.

Fringe benefits: Includes paid time off for vacation (13 days), sick (13 days), holidays (8 days), and conferences. Health insurance is optional. Free parking and laboratory coats are provided.

Special features: Located midway between Milwaukee and Chicago, Captain James A. Lovell Federal Health Care Center is affiliated with Midwestern University, College of Pharmacy, Rosalind Franklin University of Medicine and Science, University of Illinois College of Pharmacy, Chicago State College of Pharmacy and 48 additional universities.

Concordia University Wisconsin *Mequon, Wisconsin*

Residency Director: Andrew Traynor, andrew.traynor@cuw.edu

Residency positions – 1(24 month)

Concordia University Wisconsin is a Higher Learning Commission accredited, coeducational, liberal arts school. In addition to Pharmacy, Concordia offers 55 undergraduate majors of study, 14 master's degrees, doctoral programs in Physical Therapy and Nursing Practice, and 6 accelerated undergraduate majors. Concordia's attractive campus is located on approximately 200 acres on the shore of Lake Michigan, just 20 minutes north of downtown Milwaukee. Concordia is a Lutheran higher education community committed to helping students develop in mind, body and spirit for service to Christ in the Church and in the world. Our residency program partners with Milwaukee Health Services, Inc. (MHSI), to be the setting for our resident's first year practice experience. MHSI is a federally qualified health center that provides a wide variety of ambulatory patient care services to the urban underserved of Milwaukee and provides clinical pharmacy services through faculty members at Concordia University Wisconsin Scholl of Pharmacy (CUWSOP).

The CUWSOP Residency Program will prepare academic ambulatory practitioners with a specific focus on urban underserved practice settings. Graduates will be capable of: Developing, providing, advancing and teaching patient care in ambulatory settings and, fulling teaching, practice, research and service roles as a pharmacy practice faculty member.

Residents will spend half of their experience in patient care with year 1 at MHSI and year 2 developing and advancing ambulatory care services in another urban underserved site. Residents will spend 25% of their time in a variety of teaching roles at CUWSOP. The remaining 25% will be allocated to academic development including completion of a Master's in Education with emphasis on teaching and learning. The graduate will be prepared for success in pharmacy practice faculty positions as well as a variety of non-academic ambulatory care practice positions.

Comprehensive Pharmacy Services/Mercy Hospital and Medical Center *Chicago, Illinois*

Residency Director: Natlie Paul, npaul@mercy-chicago.org

Residency positions 2

Comprehensive Pharmacy Services sponsors three PGY1 resident positions at Mercy Hospital and Medical Center. Located downtown Chicago, Mercy Hospital and Medical Center is a 200 bed community teaching hospital. The CPS/MHMC residency is a structured, post-graduate experiential training program that strives to develop proficient and professionally committed practitioners. Residents will gain experience providing a wide range of pharmacotherapy, educational, and medication management services to patients, providers, and staff. Learning experiences will be conducted in an array of rotations and longitudinal activities with a maximum degree of flexibility and customization to the residents' needs and interest. In this program, the resident will actively participate in efforts to improve the scope and quality of pharmacy services, and will evaluate the relevant outcomes of such initiatives. As a clinician, the resident will demonstrate proficiency and responsibility in caring for patients with a wide variety of disease states in different healthcare settings. Residents will improve their abilities in clinical and operational pharmacy services and develop skills that can be applied in any practice setting. As benefits the teaching missions of the sponsoring organizations, the resident will become skilled as an educator of health professionals, students, and the public. Throughout all experiences, the resident will acquire the skills necessary for lifelong learning and self-assessment.

Critical Care Systems *Elmhurst, Illinois*

Residency Director: Caryn Bing, Cbing@criticalcaresystems.com

Residency positions 5 (Nationwide) 1 (local)

Critical Care Systems is a national provider of home infusion services and a subsidiary of Accredo Health Group, Inc. and Medco Health Solutions, Inc. Through a national footprint of more than 40 branch pharmacies, Critical Care Systems offers both adult and pediatric patients an alternative to hospitalization for comprehensive infusion services.

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More than 1,200 professionals, including 800 clinicians, provide home infusion therapies in alternate sites of care, such as a patient's home or our ambulatory infusion suites.

- This innovative PGY1 residency targets the development of clinical practice, pharmacy operations, and management expertise in specialty infusion pharmacy, providing services to home and ambulatory patients. It will prepare the residents to practice in and manage specialty infusion pharmacies. Residents complete the PGY1 pharmacy practice residency in the care environment of*
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specialty infusion pharmacy services, based at one of the company branch pharmacies. Residents also participate in company-wide Clinical Universities, and rotate with national, regional, and academic preceptors for nutrition support, reimbursement, risk management, performance improvement, and drug information.

Dominick's Community Pharmacy Residency *Oakbrook, Illinois*

Residency Director: Sonali Kshatriya, sonali.kshatriya@safeway.com

Residency positions 3

Dominick's Pharmacy, division of Safeway, is a food-drug chain located in metropolitan Chicago area. The resident works under a mentor pharmacist in the community setting at Dominick's Pharmacy with various direct patient care programs (MTM, immunizations, disease state management, patient wellness, ect). This also includes the development and execution of new and existing screenings and clinical services. A portion of the residency training is concentrated in the areas of: project development, administration and management, as well as special interests tailored to each resident. Each position is affiliated with a local college of pharmacy, University of Illinois at Chicago, Midwestern Chicago College of Pharmacy, or Chicago State University, respectively. Here the resident works with the respective universities' goals including a formalized teaching learning certificate program and development of clinical skills through rotations in an ambulatory care setting.

Fringe Benefits: Faculty appointment. 10 vacation days, sick days and 10 floating holidays. Health/dental/vision/life insurance/401 k/stock options. Partial support for a professional meeting.

Special Requirements for Acceptance: U.S. citizen, Pharm.D., Illinois Licensure, academic transcript, curriculum vitae, letter of intent, 3 letters of recommendation.

Site Special Features: Focus on diabetes, asthma, hypertension, dyslipidemia, smoking cessation, osteoporosis, immunizations, and special interests of resident. Residency program is structured but flexible to provide each resident with an unique and optimal clinical experience. Management and business administration and opportunities as well. Exposure to community pharmacy, ambulatory care, and academia. University teaching appointments. In or near downtown Chicagoland and suburbs. A diverse well rounded experience is guaranteed!

Edward Hines, Jr. VA Hospital *Hines, Illinois*

Residency Director: Julie Stein-Gocken, Julie.steingocken@va.gov

Residency positions 8

Edward Hines, Jr. VA Hospital, located just minutes from downtown Chicago, provides care to 54,000 veterans. The residency program develops the resident into a versatile practitioner able to excel in pharmacy practice, pharmacotherapy education, and administrative practice through active participation in a variety of settings. Experiences available to residents include: Ambulatory Care, Anticoagulation, Cardiology, Critical Care, Drug Information, Endocrinology, Geriatrics, Home Based Primary Care, Infectious Diseases, Intensive Care (Medical and/or Surgical), Internal Medicine, Investigational Drugs, Lipid Management, Long Term Care, Nephrology, Nutrition Support, Pain Management, Pharmacy Practice Management, and Psychiatry. The resident's precept pharmacy students from the University of Illinois and Midwestern University Chicago College of Pharmacy, participate in journal clubs and patient case presentations, perform formal ACPE presentations, and provide in-service education to staff. Administrative practice includes experiences with management personnel.

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Longitudinal clinical practice experience with the Inpatient Anticoagulation Management Service occurs one weekend a month.

The Inpatient Pharmacy experience introduces the resident to the preparation and dispensing of medications following the existing standards of practice and our organization's policies and procedures. Completion of a research project is required and publication is encouraged.

Franciscan St. Margaret Health Hammond, Indiana

Residency Director: Susan Julia, susan.jula@franciscanalliance.org

Residency positions: 4

The PGY-1 Residency at Franciscan St. Margaret Health is a one-year program designed to provide training that develops the knowledge, attitudes and skills needed to ensure rational drug therapy. The program offers the opportunity to practice pharmaceutical care in a Community, acute-care setting. Upon successful completion of the PGY-1 Residency, the resident will be prepared to practice as a clinical
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pharmacist or pursue PGY-2 in area of choice. The resident will have the opportunity of being involved in all of the services provided, as well as developing new programs.

Current Pharmacy Services at Franciscan St. Margaret Health include: Antibiotic stewardship program, Emergency Department Pharmacist service, Pharmacist-managed Anticoagulation Clinic, Pharmacokinetic monitoring, renal dosing, IV to PO conversion, Parental nutrition monitoring, Medication profile review, Formulary management, Pharmacist-managed discharge medication reconciliation and counseling program, Participation in continuous quality improvement measures, participation in customer satisfaction performance improvement process, pharmacy student training, research, education to nursing and medical staff, drug information services, medication utilization, teaching certificate, and monthly newsletter.

Froedtert Hospital Milwaukee, Wisconsin

Residency Director: Kristin Hanson, kkhanson@froedterthealth.org

Residency positions: 11

Froedtert Hospital is a 500 bed academic medical center and Level 1 trauma center located in Milwaukee, WI and affiliated with the Medical College of Wisconsin. Pharmacists at Froedtert provide comprehensive clinical services and patient education in both inpatient and outpatient settings. In addition to the PGY1 pharmacy residency programs listed below, Froedtert offers PGY2 specialty pharmacy residency programs in critical care, oncology, drug information and health-system pharmacy administration. Numerous teaching and precepting opportunities are available to residents as a part of all programs. Continued on next page.

PGY1 Pharmacy Residency Program

This 12-month post-graduate program offers the pharmacy resident comprehensive training in acute care pharmacy practice. After completing this program, the resident will be prepared to seek a clinical pharmacist position in an acute care setting or a PGY2 specialty resident position.

PGY1 Community Pharmacy Residency Program

This 12-month post-graduate program offers the pharmacy resident comprehensive training in a variety of community/ambulatory settings. During the program, the resident will staff in both retail and ambulatory settings. After completing this program, the resident will be prepared to seek a clinical pharmacist position in a community or ambulatory setting or a PGY2 specialty resident position.

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This 24-month post-graduate program prepares the resident to assume high-level managerial, supervisory and leadership responsibilities. During the PGY1 year, the resident will fulfill PGY1 residency program requirements. The PGY2 year will focus on administrative components.

Ingalls Memorial Hospital,

Residency Director: Laura J Acevedo, lacevedo@ingalls.org

Residency positions: 2 Ingalls Memorial Hospital is a community hospital licensed for 563 beds. Ingalls is accredited by DNV Healthcare Inc. It has a 37 acre main campus located 20 miles south of the City of Chicago. Its attributes include:

- *2012 Recipient of the "Health Grades America's 100 best Hospitals" award. U.S. News nation's best hospital list 7 years in a row for neurosciences. State-designated Primary Stroke Center. Comprehensive Cancer Program accredited by American College of Surgeons. Cardiology Services with two catheterization labs, electrophysiology, open heart, telemetry unit and cardiac rehabilitation.*
- *Level II Neonatal Intensive Care Unit.*
- *Interventional Radiology*
- *Retinal Center, Center for Rehab Medicine, Advanced Orthopedic Institute*
- *Dedicated centers for Sleep Disorders, Outpatient Surgery, Diabetes Management, and Wound Care.*
- *Behavioral Health-Chemical Dependency, Psychiatry, Addictions*
- *Ingalls Home Care, Hospice and Palliative Care Services.*
- *Cook County Emergency Medical Services Resource Hospital.*
- *Three Ingalls Family Care Centers with Urgent Aid Centers for 24/7 emergencies*
- *Medical Staff of more than 450 physicians across 30 different specialties.*

Pharmacy Services at Ingalls Memorial Hospital

Management Team; Director, Clinical Coordinator, Manager of Outpatient Pharmacy, Technician Supervisor.
Centralized Pharmacy.

Infusion Centers: Harvey Campus, Tinley Park Campus.

Three outpatient pharmacies: Harvey, Flossmoor, Tinley Park

Medication Distribution System: Cartless, ADCs profiled to the pharmacy system.

Bedside Bar-coding, and MAK

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Clinical Pharmacy Specialists (3)

Critical Care, Infectious Disease, Hematology/Oncology/Nutritional Support

Clinical Staff Pharmacists (11)

Infusion Pharmacists (3)

The Department of Pharmacy Services has a history of clinical services that dates back over 30 years. The Department of Pharmacy Services prides itself on its strong clinical background in pharmacokinetics, infectious disease, oncology, nutritional

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support, critical care and antimicrobial stewardship.

The pharmacy provides 24/7 coverage for adult medical emergencies (inpatient) and all pediatric emergencies house-wide.

Pharmacy Residency Program:

Two PGY1 Residency positions approved. Start-up July 1, 12 month program. Clinical Coordinator is RPD.

The Residency program at Ingalls Memorial Hospital offers an opportunity for the candidates to develop critical thinking skills as well as clinical skills in a wide variety of practice settings. At the completion of the PGY1 training the resident will have the tools necessary to be a valuable asset to a hospital pharmacy clinical program. The skills learned at Ingalls will help the resident integrate into that clinical program and function as a practical, confident clinical pharmacist.

Iowa City Veterans Affairs Healthcare System, Iowa City Iowa

Residency Director: Nancee Waterbury, nancee.waterbury@va.gov

Residency positions: 3

The Iowa City Department of Veterans Affairs Health Care System (ICDVAHCS) in Iowa City, Iowa is a comprehensive tertiary health care center, teaching hospital, and research facility. It has a strong and effective affiliation with the University of Iowa College of Medicine, Nursing, and Pharmacy. The Medical Center operates 83 beds, including 43 medicine/neurology beds, 25 surgery, 10 intensive care beds, and 15 psychiatry beds. The Medical Center operates seven community based outpatient clinics in Bettendorf, Waterloo, Dubuque, Cedar Rapids, Ottumwa and Decorah, Iowa and Galesburg, Quincy and Sterling, Illinois. The Medical Center also operates a satellite outpatient clinic in Coralville, Iowa.

Our program offers 3 PGY-1 pharmacy residency positions. Graduates are prepared to assume positions as patient care clinicians, to serve as adjunct faculty for a college of pharmacy, or to pursue second year post graduate training in a focused area of practice.

The Iowa City VA provides residents experience in anticoagulation clinic, lipid clinic, formulary management, primary care, internal medicine, and pharmacy management.

Residents will also have the opportunity to gain experience in psychiatry, surgery, acute care, cardiology/heart failure, transplant, oncology, geriatrics, endocrine and virology.

Besides clinical activities, each resident will participate in patient and staff education, present formal lectures and case discussions, and Precept University of Iowa pharmacy clerkship students. In addition, residents will conduct a research project, present results, and produce a manuscript suitable for publication.

Jesse Brown VA Medical Center, Chicago, Illinois

Residency Director: Milica Jovic, Milica.jovic@va.gov

Residency positions: 9 (7 PGY1, 1 PGY2 Administration, 1 PGY2 Infectious disease)

Jesse Brown VA Medical Center (JBVAMC) is a tertiary care facility classified as a Clinical Referral Level II Facility. It is a teaching hospital, providing a full range of patient care services, with state-of-the-art technology as well as education and research. Comprehensive health care is provided through primary and tertiary care in the areas of medicine, surgery, psychiatry, physical medicine and rehabilitation, neurology, oncology, dentistry and geriatrics. Over 900 University residents, interns and students are trained each year. Pharmacy service trains over 120 students from the University of Illinois yearly. Clinical pharmacy services at Jesse Brown VA Medical Center are provided by pharmacists employed by the VA and the University of Illinois College of Pharmacy. Decentralized clinical pharmacists provide pharmaceutical care to the inpatient population. Ambulatory care involvement includes pharmacy-managed clinics, as well as

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participation in interdisciplinary primary care clinics with physicians, nurses and dietitians. Clinical faculty is widely recognized for practice, teaching and research excellence. JBVAMC offers three residency programs PGY-1 pharmacy residency and PGY-2 residencies in Pharmacy Health Administration and Infectious Disease.

- *PGY-1 Pharmacy Residency Program was accredited by the American Society of Health Systems Pharmacists in 1995. We have graduated over one hundred residents to date. This is a one year training program that begins the first of July and continues through to the end of June the following year. The mission/purpose of the residency is to prepare the resident to attain an ambulatory patient care, acute patient care or PGY-2 residency position by providing a challenging environment for the development of a skilled practitioner dedicated to the patient and committed to the provision of quality pharmaceutical care. Through example, the resident will serve as a leader in education and promote excellence in the profession of pharmacy. During this year, the program combines both practical experience, as well as didactic instruction through presentations and projects. This will enable the resident to become a confident and competent practitioner. The resident will work as an integral part of the Pharmacy Service, participating in patient care, departmental and hospital committees, and aid in the development of department policies. The resident will also play an active role in the education and training of pharmacy students and will have the opportunity to participate in the Residency Teaching Certificate Program supported by the University of Illinois College of Pharmacy.*
- *PGY-2 Health-system Administration Residency Program was ASHP accredited in 2009 and provides residents with a broad range of experience in pharmacy management and leadership practice under the coordination of a proven pharmacy management team. The Residency Director is the Chief of Pharmacy. The primary mission of the residency is to develop leadership and management skills and provide a cadre of qualified future leaders and managers as part of succession planning. An integral part of the training will be accomplished by a mentoring/mentee relationship between the resident and the chief of Pharmacy. The training will be hands on experiential learning. Emphasis will be on the adult learning model and development of self assessment by the resident with guidance and constructive, frequent feedback from the Chef of Pharmacy.*
- *PGY-2 Infectious Disease Specialty Pharmacy Residency Program provides the resident with a well-rounded experience in Infectious Diseases with an emphasis on HIV care. The core rotations strengthen infectious diseases fundamentals while accommodating for individual experiences and specific areas of interest. The program is designed to develop the resident's clinical expertise in infectious diseases. In addition, the resident will gain experience through teaching, research, and involvement in our Antimicrobial Stewardship program. The goal of this residency program is to develop pharmacy practitioners with the skills necessary to work as part of a multi-disciplinary infectious disease team.*

Loyola University Medical Center *Maywood, Illinois*

Residency Director: Elizabeth Greenhalgh, egreenhalgh@lumc.edu

Residency positions: 4

Loyola University Health System offers a one-year post-graduate year one (PGY1) pharmacy practice residency. The program is designed to offer a wide variety of clinical practice experiences in critical care medicine and surgery, general medicine, cardiology, pediatrics, transplantation, and infectious diseases. Graduates of this program will be well-rounded practitioners with the skills to practice in a variety of care settings. Graduates will possess the knowledge and critical thinking skills to function as members of a multidisciplinary team to provide pharmaceutical care to patients with a wide variety of disease states.

Pharmacy residents are provided the opportunity to accelerate their growth beyond entry-level professional competence in patient-centered care and in pharmacy operational services, and to further the development of leadership skills that can be applied in any position and in any practice setting. Pharmacy residents acquire knowledge required for skillful problem-solving, refine their problem-solving strategies, strengthen their professional values and attitudes, and advance the growth of their clinical judgment.

The core pharmacy residency experiences include inpatient care rotations in general medicine, pediatrics, critical care (2 rotations), infectious diseases, cardiology, administration, operations (longitudinal), and research. The pharmacy resident will complete 12 four-week rotations consisting of 9 required rotations and 3 electives.

Lutheran Hospital of Indiana-Lutheran Health Network Fort Wayne, Indiana

Residency Director: Amy Hyduk , AHyduk@lhn.net

Residency positions: 2

The Lutheran Health Network is a network of eight hospitals, five of which are located in Fort Wayne, Indiana and serve 23 counties in northeast Indiana, northwest Ohio, and southern Michigan. Lutheran Hospital of Indiana is a 396-bed community hospital. St. Joseph Hospital is a 150-bed community hospital. The Rehabilitation Hospital of Fort Wayne is a 36-bed rehabilitation hospital . Dupont Hospital is a 135-bed community hospital. The Orthopedic Hospital is a 39-bed orthopedic hospital. Lutheran Health Network also encompasses Kosciuski Community Hospital in Warsaw, Indiana; Dukes Memorial Hospital in Peru, Indiana; and Bluffton Regional Medical Center in Bluffton, Indiana. Lutheran Health Network also provides pharmacy services to Community Memorial Hospital in Hicksville, Ohio. Other Lutheran Health Network members include RediMed urgent care centers, multiple physician practices, ambulatory, surgical, laboratory and diagnostic centers in Fort Wayne and the surrounding areas. Community Health Systems (CHS) of Franklin, Tennessee owns all of the Lutheran Health Network entities.

Lutheran Hospital offers a wide variety of specialty services for neonatal to geriatric patient populations. Lutheran is the only hospital in Northeast Indiana that performs heart transplants and kidney transplants. There are six ICUs to take care of patients with coronary, cardiovascular, medical/surgical and pediatric needs. The hospital also has a Children's Hospital within the hospital. That area includes a 10 critical care unit & a 26 private-bed neonatal unit. Lutheran Hospital is a verified Level 2 Adult Trauma Center and also a verified Level 2 Pediatric Trauma Center. Additionally, Lutheran Hospital is a Chest Pain accredited center, certified Stroke center, Bariatric Center of Excellence and the region's only Heart Failure Accredited Center. Primary service lines for Lutheran Hospital include cardiac care, oncology, orthopedics, pediatrics, transplant and neurological services. St. Joseph Hospital has a nationally known regional comprehensive Burn Center that is accredited by the American Burn Association. St. Joseph offers a wide variety of specialty services, including cardiology, cardiac surgery, pulmonology, critical care, infectious disease, nephrology, and rehabilitation services. The hospital also operates a regional wound care/hyperbaric clinic, and a transition care unit/skilled care facility. St. Joseph Hospital is a Chest Pain accredited center. The mission of the LHN Pharmacy Residency Program is to empower pharmacy residents to become independent, competent, confident pharmacists in an environment that fosters professionalism, teamwork, and accountability. Goals are to develop leadership skills to meet current pharmacy practice challenges & promote advancement of the profession, gain the knowledge to be able to serve as the expert medication consultant on a multidisciplinary team, strengthen communication skills to provide accurate and timely drug information to patients, healthcare providers and students, advance clinical skills to ensure safe & effective medication use producing positive patient outcomes, & promote medication safety through application of best practices utilizing critical thinking skills, technology, and other available resources.

Marshfield Clinic Marshfield, Wisconsin

Residency Director: Sara Greisbach, greisbach.sara@marshfieldclinic.org

Residency positions 2

Marshfield Clinic consists of over 50 locations throughout Wisconsin. It is one of the largest non-profit multi-specialty clinics in the U.S. and has more than 350,000 unique patient encounters/year. Marshfield Clinic Research Foundation is involved in more than 450 clinical trials. Marshfield Clinic has an award winning medical library with over 20,000 volumes of medical information. Marshfield Clinic pharmacy division includes: Clinical Pharmacy Services department, outpatient pharmacies, sterile products areas, Investigation Drug Program, Specialty Pharmacy Services, Medication Safety Coordination, Information Systems Integration, PGY1 and PGY2 Informatics Residencies. PGY1 Pharmacy Residency Program purpose is to prepare the resident for a clinical pharmacist and/or leadership role in an integrated healthcare delivery system or PGY2 training in area of choice. PGY1 Residency Program Educational Outcomes include: manage and improve the medication-use process, provide evidence-based, patient-centered medication therapy management with interdisciplinary teams, exercise leadership and practice management skills, demonstrate project management/research skills, provide medication and practice-related education/training, and utilize medical informatics.

Mercy Health Saint Mary's, Grand Rapids, Michigan

Residency Director: G. Robert DeYoung, deyoungg@mercyhealth.com

Residency positions 2

The Pharmacy Practice Residency at Mercy Health Saint Mary's is designed to develop the knowledge, experience, creativity, and leadership today's pharmacists need to cope with tomorrow's challenges. Residents will learn to: Provide confident and compassionate direct patient care in a multidisciplinary setting, educate patients and healthcare providers to optimize patient care and drug therapy, and demonstrate professionalism and maturity in all aspects of pharmacy care. Residents will also benefit from being exposed to the unique brand of healthcare practiced at Mercy Health Saint Mary's. Here, we place equal emphasis on leading-edge practices and a compassionate, caring experience.

Midwestern University Chicago College of Pharmacy Downers Grove, Illinois

Residency Director: Jacob Gettig, jgetti@midwestern.edu

Residency positions 9 College program positions; 4 affiliated community residency program positions

Midwestern University Chicago College of Pharmacy (MWU-CCP) offers a variety of pharmacy postgraduate training programs to meet the needs of the pharmacist in the evolving health care environment. These programs offer challenging learning and practice experiences to develop the individual strengths of the resident, while advancing the role of the pharmacist in the health care team. The patient care opportunities and experiences in evaluating pharmacy practice models allow the resident increasing autonomy as the year progresses.

Each resident will receive an appointment as a Visiting Instructor in the Department of Pharmacy Practice. The resident will also participate in the Teaching and Learning Curriculum, the Pharmacy Management and Leadership Curriculum and the Research Curriculum at CCP. The resident will develop a personal teaching style, assess the effectiveness of various teaching methods, provide didactic and experiential instruction and develop a teaching portfolio. The College and all clinical sites are in the Chicago land area.

Residency Program Director: Jill S. Borchert, PharmD, BCPS, FCCP jborchert@midwestern.edu

PGY1 Pharmacy Residency Program - Number of positions: 3

MWU-CCP offers a PGY1 Pharmacy Residency aimed at developing a competent and confident generalist able to provide medication therapy management for various diseases. The multitude of learning experiences in ambulatory care and teaching prepares graduates to pursue positions in PGY2 residency programs, ambulatory care and/or academia. Residents typically spend 4 days/week at clinical sites and 1 day per/week on campus involved in academia.

Residency Program Director (Critical Care): Tudy M. Hodgman, PharmD, BCPS, FCCM thodgm@midwestern.edu; **Number of positions: 4 (2 at Northwestern, 2 at Rush)**

Residency Program Director (Infectious Diseases): Sheila K. Wang, PharmD, BCPS AQ-ID, swangx@midwestern.edu

Number of positions: 2 (1 at Northwestern, 1 at Rush): PGY2 Pharmacy Residency Programs (Critical Care and Infectious Diseases)

The purpose of the MWU-CCP PGY2 Residency Programs is to transition a PGY1 residency graduate from a general practitioner to a specialist in a select therapeutic area. The College primarily partners with Northwestern Memorial Hospital and Rush University Medical Center to deliver its PGY2 residencies in Critical Care and Infectious Diseases. These programs are designed to develop expertise in the specific therapeutic area and to prepare residents to function independently in patient care settings and as pharmacy faculty.

PGY1 Community Pharmacy Residency Programs

CCP Community Residency Coordinator: Susan R. Winkler, PharmD, BCPS, swinkl@midwestern.edu

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Number of positions: 4 (Jewel/Osco – 3; Dominick’s – 1): MWU-CCP is affiliated with two community pharmacy residency programs in Chicago’s western suburbs. Our partnerships with innovative community pharmacies allow residents the opportunity to develop patient-centered care skills in the community pharmacy setting while benefiting from the resources and teaching opportunities provided by MWU-CCP. Three residency positions are available with Jewel-Osco Pharmacy, and one position is available with Dominick’s Pharmacy (a division of Safeway).

Mount Sinai Hospital Medical Center Chicago, Illinois

Residency Director: Karen Trenkler, Karen.trenkler@sinai.org

Residency positions: 4 PGY-1, 1 PGY-2

Mount Sinai Hospital offers 4 ASHP accredited PGY-1 residency positions and 1 PGY-2 residency, position in Health System Pharmacy Administration. Mount Sinai Hospital is a member of Sinai Health System, which includes: Mount Sinai Hospital; Sinai Children’s Hospital; Schwab Rehabilitation Hospital; Holy Cross Hospital; Sinai Medical Group; Sinai Community Institute; and Sinai Urban Health Institute.

The pharmacy department is an energized, diverse, and dynamic group consisting of a progressive management team, high-trained pharmacists, and technicians. Clinical pharmacy services are provided by decentralized clinical pharmacists practicing in the MICU/CCU, SICU, ED, PICU/NICU, general pediatric unit, oncology clinic, ambulatory care clinics, and four general medicine units.

The pharmacy resident is integrated into the department through participation in initiatives, departmental meetings, strategic planning, and project management. The resident works closely with the multidisciplinary healthcare team as a vital member participating in daily rounds and direct patient care activities.

North Shore University Health System Evanston, Skokie, Highland Park & Glenbrook, Illinois

Residency Director: Sarah, Graffsgraff@northshore.org

Residency positions: 22

PGY 1- Pharmacy Residency (17 positions)

- North Shore University Health System has four hospitals including Evanston, Skokie, Glenbrook, and Highland Park Hospitals. We have 18 pharmacy practice residents divided among the 4 sites and offer a comprehensive program with both clinical and management exposure. Core rotations include general adult medicine, critical care, infectious diseases and administration. Elective rotations are available in many areas, including cardiology, neonatology, oncology/hematology, investigational drug services, women’s health, nutrition, informatics, nephrology, and management. Residents participate in multidisciplinary committees and are involved with precepting pharmacy students. We also offer a teaching certificate program through an affiliation with Rosalind Franklin College of Pharmacy. Residents receive ACLS training and attend codes. Practice management skills are developed through completion of projects related to quality improvement, financial management, human resources, medication safety, drug use policy, drug distribution and customer service.*

PGY 2-Oncology Pharmacy Residency (1 position)

- The PGY-2 Oncology Pharmacy Residency program at North Shore University Health System is a comprehensive specialty pharmacy program that exposes the resident to all areas of cancer patient care; inpatient, outpatient, hospice, home care, investigational studies/research, etc. This program provides residents with opportunities to conceptualize, integrate, and transform accumulated experiences and knowledge into improved patient outcomes. It instills a philosophy of practice that embraces the concept that pharmacists must be responsible and accountable for pursuing optimal drug therapy outcomes. It is designed to give one an opportunity to learn the various aspects of the oncology pharmacist role. Under the supervision of oncology pharmacists, the resident will learn in depth about each cancer and its corresponding management by attending clinic with the physicians/nurses and working alongside other multi-disciplinary healthcare professionals.*

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PGY 1- Community Pharmacy Residency (2 positions)

- **North Shore University Health System operates outpatient pharmacies in its hospitals (Evanston, Glenbrook, and Highland Park Hospitals), as well as in three community based pharmacies in the Lake Forest, Libertyville, and Northbrook Sunset Foods grocery stores. All locations are staffed by community pharmacists whose goal is to advance pharmaceutical care by: educating healthcare professionals and students, ensuring appropriate drug therapy outcomes, emphasizing patient education, and influencing drug-therapy decisions. The community pharmacy residency program is designed to develop a resident's ability to implement and provide advanced, high quality pharmaceutical care and patient education in a community pharmacy setting. In addition, the resident will establish collaborative working relationships with community healthcare providers and develop the professional and leadership skills necessary for advancing pharmacy practice.**

PGY2-Informatics Residency (1 position)

- **The pharmacy informatics residency at North Shore will prepare resident for a leadership role in medical informatics. The program is structured to offer a broad exposure to technology and informatics within the health system with an emphasis in clinical informatics. Residents will gain experience in systems evaluations, process re-design, project management, interdisciplinary teamwork, vendor relations, system testing and validations, change management, research, teaching and leadership.**

PGY-2 Health-system Pharmacy Administration (1 position)

- **The Health-system Pharmacy Administration Residency at NorthShore University Health System is structured to expose residents to all critical aspects of managing a contemporary pharmacy service. Residents will learn the importance of developing professional relationships with pharmacy staff and other members of the healthcare team. In addition, residents will improve their communication skills and gain expertise in financial, human resources, and operational management. The program meets the training goals and objectives as set forth by ASHP's accreditation standards. Upon completion of the program, the resident will be positioned for a role as a clinical coordinator, medication safety officer, informatics pharmacist, or pharmacy manager.**

Northwestern Memorial Hospital Chicago, Illinois

Residency Director: Noelle Chapman, nchapman@nmh.org

Residency positions: 10

Northwestern Memorial is an academic medical center hospital where the patient comes first. We are an organization of caregivers who aspire to consistently high standards of quality, cost-effectiveness and patient satisfaction. We are a diverse group of people from different backgrounds, joined together by a shared set of values. At Northwestern Hospital, our values give us clarity, guiding every decision we make as an institution and as individuals, from the most far-reaching long-term strategy to the smallest daily task.

- **A Graduate of the pharmacy residency (PGY1) at Northwestern Memorial hospital will be a confident practitioner with the expertise, professional judgment, and values of an experienced acute care clinician. She/he will acquire well-developed problem-solving abilities within a wide variety of acute practice settings. She/he will understand the importance of evidence-based medicine and will know how to critique and apply current literature to her/his clinical practice. She/he will also be able to design and execute studies to solve relevant pharmacy-related issues. She/he will be dedicated to the education of her/him as well as others, strive to improve overall medication use safety, and will serve as a leader in the development of acute care pharmacy practice.**

OSF Saint Francis Medical Center & Children's Hospital Peoria, Illinois

Residency Director: Jennifer Ellison, Jennifer.c.ellison@osfhealthcare.org

Residency positions: 2 PGY1, 1 PGY2 (Peds)

**616 bed Level I trauma center, Flagship hospital for the OSF Healthcare System, Affiliation with the University of
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Illinois at Peoria College of Medicine, Affiliation with the University of Illinois at Peoria College of Medicine.

Pharmacy Highlights:

61 full-time pharmacists on staff, Precept IPPE and APPE students from several area colleges of pharmacy, Provide inpatient pharmacy services from 3 different pharmacies across the campus, 11 clinical zones currently staffed during the week, with expansion as our staff grows

PGY-1 Pharmacy Residency Program: Core Rotations (required) - Elective Rotations*(may repeat any core)

- **Internal Medicine, pediatric Critical Care, Infectious Disease, Pharmacy Admin., Trauma/Surgery/Bariatric, Trauma/ED, Neurology, Neonatal ICU, Oncology/Peds Oncology, Cardiology, Anticoagulation Management, Pediatrics, Nutrition Support, Emergency Medicine - 4 Weeks. Pharmacy Practice 1 month/longitudinal. DI/Anticoag/Med Safety – Longitudinal Resident Staffing Requirements: Staff every third weekend in pharmacy, Staff every fifth week second shift on a zone (typically either a general medicine or general surgical floor), 1 major holiday (Christmas, Thanksgiving), minor holiday (Memorial Day, Labor Day)**
- **Additional Resident Responsibilities/Assignments: BLS and ACLS certification (opportunity provided on site), Attendance at ASHP Midyear meeting, Research Project with presentation at regional conference**

Project Time: December will be a block dedicated to project work

- **Benefits: \$42,000/year salary, Medical, dental, and life insurance available, 3 weeks of PTO (will be used for holidays and ½ of time off for meeting attendance), Sick Pay, Travel reimbursement, Hospital employee discount program (various local businesses).**

Palos Community Hospital Palos Heights, Illinois

Residency Director: Amanda Ries, aries@paloscomm.org

Residency Positions: 1

The Palos Community Hospital has served the people of Chicago's southwest suburbs for nearly 40 years. It is a teaching site for the UIC College of Pharmacy in addition to other health care programs in nursing, physical therapy, and related fields. Areas of expertise include, cardiac, GI, pulmonary, and women's health. PCH continues to expand our clinical services with the construction of a new patient tower to support state-of-the-art medical, surgical services, and ambulatory care services. Pharmacists completing the PGY1 Pharmacy Residency Program at Palos Community Hospital will be competent and confident practitioners to provide direct patient care in an acute-care environment. Equipped with the knowledge and skills to meet the challenges of current and future pharmacy practice, they will be responsible for providing evidence-based, patient-centered care as members of an interdisciplinary team and accountable for achieving optimal drug therapy outcomes. These pharmacists will develop and exercise skill in providing drug information and education to health care professionals and patients. Lastly, they will have developed leadership and practice-management skills necessary to effectively manage the medication-use process in a community hospital. Graduates of the program will attain competency in:

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- **Management and improvement of the medication-use process. Evidence-based, patient-centered medication therapy management in an interdisciplinary environment. Provision of drug information to health care professionals and the public. Leadership and practice-management skills. Project management. Provision of medication and practice-related education. Utilization of medical information systems.**

Parkview Regional Medical Center Fort Wayne, Indiana

Residency Director: Tara Jellison, tara.jellison@parkview.com

Residency positions: 4

Parkview Regional Medical Center is a major regional health system located in Fort Wayne, Indiana with 500 beds and over 4000 employees. PRMC provides patient services through a Level II Trauma Center and multiple intensive care units, as well as a Family Birthing

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Center, Heart Institute, Stroke Center, Behavioral Health Hospital, Rehabilitation and Continuing Care Units, just to name a few. Parkview has four ASHP-accredited PGY1 residency positions open for 2012-2013. PGY1 Residents at Parkview have the opportunity to participate in various acute care rotations such as Critical Care, general and focused Adult Internal Medicine, Pediatrics, and Cardiology. Resident activities may include pharmacokinetic dosing, nutrition support, targeted drug therapy monitoring, cardiac arrest team participation, anticoagulant dosing, culture and susceptibility monitoring, and medication discharge consultation. In addition, various ambulatory rotations including an Anticoagulation Therapy Unit, Pediatric Complex Care Clinic, and Family Practice Clinic are available.

- PRMC's PGY1 Pharmacy Residency Program is designed to develop the resident into a skilled, compassionate, and confident practitioner of direct patient care in a variety of practice environments. Residents are given the ability to realize this goal through the various clinical practice rotations offered, as well as the ability to create new rotations based on individual interest. Throughout the year, residents will work to develop an effective method of self-evaluation. The program will also assist residents in realizing appropriate time management and leadership skills to fulfill practice responsibilities. Residents will learn to balance the demands of medicine, family, and personal growth while staying committed to life-long learning.

Presence Saint Joseph Medical Center Joliet, Illinois

Residency director: Dina Porro, Dina.porro@provena.org

Residency positions: 6

Presence Saint Joseph Medical Center (PSJMC) is a 480-bed community hospital serving Will County and the surrounding areas. PSJMC provides a wide-range of health care needs to our community through its Cancer Care Center, Level II Emergency/Trauma Center, Family Birthing Suites, Medical ICU, Surgical ICU, Cardiovascular ICU, Coronary ICU, Neuro ICU, Pediatric ICU, Special Care Nursery, Rehabilitation Services and Mental Health Services. PSJMC provides many advanced health care services typically found in a university hospital setting. Through a partnership with the University of Illinois at Chicago, PSJMC is the only provider of neurosurgical services in the Will-Grundy region. The PSJMC PGY-1 Pharmacy Residency Program is a 12 month comprehensive program designed to develop the entry-level practitioner into a clinician who can excel in the provision of pharmaceutical care to multiple patient populations. The resident will be provided with advanced training and learning experiences in pharmacy practice that build upon those obtained throughout their pharmacy career. Our clinical staff will work alongside the resident to foster the development of his/her knowledge base and improve his/her clinical skills. The experiences provided by the program will teach the resident to function as an integral member of a multidisciplinary healthcare team and hold them accountable for achieving optimal drug therapy outcomes. Upon completion of the program, the resident will be an experienced clinician who will be qualified to assume a clinical pharmacist position in a community hospital setting, an adjunct faculty appointment, or further training in a PGY-2 residency program. Residency Features: The residents will engage in clinical practice through participation in the required rotations which include ambulatory care - anticoagulation clinic, critical care, drug information, internal medicine, nutrition support, and practice management. They can choose from a variety of elective rotations which include cardiology, infectious disease, neonatology, palliative care, pediatrics, and advanced practice (critical care, internal medicine, pediatrics). The residents will have the opportunity to participate in a teaching certificate program. The residents will also have several other teaching opportunities throughout the year by providing continuing education lectures, grand rounds, journal clubs, case presentations, staff in-services and co-precepting Pharm.D. students. A major research project is required and will be presented at the Great Lakes Pharmacy Residency Conference.

Rush University Medical Center Chicago, Illinois

Residency Director: Nora Flint, nora_flint@rush.edu

Residency positions: PGY1 8 positions, PGY2 6 positions

Rush is a not-for-profit academic medical center located just west of downtown Chicago in the Illinois Medical District. Rush University Medical Center encompasses a 664-bed hospital serving adults and children, including the Johnston R Bowman Health Center, which provides medical and rehabilitative care to older adults and people with short- and long-term disabilities. We are currently building a brand new patient care tower with a state of the art emergency room that is all scheduled to open in January of 2012. Rush has had an

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ASHP accredited pharmacy residency program in place for over 25 years. Currently there are 8 PGY1 residents. In addition, Rush also has PGY2 residency programs in critical care, hematology/oncology, infectious disease, and solid organ transplant, some of these in collaboration with Midwestern University's Chicago College of Pharmacy. Pharmacists completing the PGY1 residency program at Rush will be competent practitioners able to provide direct patient care in a variety of inpatient clinical and practice management settings such as a clinical staff pharmacist role or the pursuit of additional training in a PGY2 residency program. An overarching goal of the residency training program is the development of a personal philosophy of practice which will facilitate the provision of pharmaceutical care in their respective careers. This is guided by critical thought and patient advocacy in all aspects of drug therapy. The residency program is designed to comply with the officially published accreditation standards of the American Society of Health-System Pharmacists (ASHP). Efforts to provide the specific training and guidance that is optimal for a particular resident are extended whenever appropriate, feasible and mutually agreed upon by the resident, Residency Program Director (RPD) and Pharmacy Director. A demonstrable desire to learn, a sincere career commitment to pharmacy practice, and a dedication to fully meeting all objectives and requirements of the program and the department are basic expectations of all residents.

- *Residents are expected to actively and directly participate in a balanced array of clinical and practice management activities during required assignments. This participation may take the form of weekend/holiday presence and/or projects directly related to the provision of patient care services and/or participation in Department of Pharmacy programs. The PGY1 residency program provides in-depth professional, patient directed training and experience at the post-graduate level. It offers the resident the opportunity and stimulus to develop, to the highest degree attainable, his/her professional expertise as a clinical practitioner, emphasizing skills required to optimally deliver pharmaceutical care. In addition, the resident will be exposed to the management of a pharmacy department and gain insight into the responsibility one has toward accepting leadership and making a contribution back to the profession of pharmacy.*

Rutgers Institute for Pharmaceutical Industry Fellowships *Piscataway, New Jersey*

Residency Director: Michael Tosconi, miket@pharmacy.rutgers.edu

Residency positions: 45+

The Rutgers Institute for Pharmaceutical Industry Fellowships is a structured program designed to prepare pharmacists for challenging positions within the pharmaceutical industry. Our post-doctoral fellowship program is highly recognized and consists of over 14 partner companies (including several of the top ten global companies) in the pharmaceutical and biopharmaceutical industries throughout the New Jersey area and California. The Fellowship program provides intensive, hands-on training to develop skills and experience in a variety of disciplines, including clinical pharmacology, clinical research, regulatory affairs, medical information, medical affairs, market research, advocacy, health economics outcomes research, and marketing.

Our partner companies include: Acorda Therapeutics, Bayer HealthCare, Bristol-Myers Squibb, Daiichi-Sankyo, Janssen Pharmaceuticals, Genetech, Merck, Novartis, Pfizer, Roche, Sanofi, Sunovion, and Celgene.

All fellows receive an adjunct faculty appointment at Ernest Mario School of Pharmacy; Rutgers is committed to providing Fellows with an opportunity to obtain both academic and traditional clinical pharmacy experience. Fellows have the opportunity to teach, develop, and coordinate courses, serve on various fellowship committees, conduct continuing education programs, participate in various projects, and attend networking opportunities. The program recruits about 50 positions yearly.

St. Elizabeth's Hospital *Belleville, Illinois*

Residency Director: Julia Schimmelpfenning, jschimmelpfen@sebh.org

Residency positions: 2

The purpose of the St. Elizabeth's Hospital Residency is to develop pharmacists with the knowledge and skills essential for them to function as an integral member of the health care team. The PGY-1 Pharmacy Practice Residency offers two positions annually and is affiliated with

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SIUE School of Pharmacy. The program is designed to meet interests of the residents by offering over fifteen clinical and academic experiences. Core rotations are comprised of, Internal Medicine, Administration, Ambulatory Care, Distribution/Orientation, Drug Information and Medication Safety. Elective opportunities in a variety of settings include, but are not limited to Cardiology, Critical Care, Emergency Medicine, Infectious Disease, Informatics, Oncology, Pain Management, Pediatrics and Psychiatry. In addition, the program offers a Teaching Certificate in association with the SIUE School of Pharmacy. Completion of a major project suitable for publication is required along with presentation at the Great Lakes Residency Conference. St. Elizabeth's Hospital serves over 40 different medical specialties and is the primary practice site for St. Louis University Family Medicine Residency program. Established in 1875, St. Elizabeth's Hospital is a community teaching hospital located in Belleville, Illinois, a suburb of St. Louis. St. Elizabeth's is an affiliate of the Hospital Sisters Health System, a 13-member hospital system based in Springfield, Illinois.

St. John's Hospital Springfield, Illinois

Residency Director: Brandi Strader, brandistrader@hshs.org

Residency positions: 3 PGY1, 1-PGY2

St. John's Hospital in Springfield, Illinois, is a tertiary care center serving central and southern Illinois. The hospital is licensed for 539 beds, making it the largest in downstate Illinois. Medical facilities include the nationally recognized Prairie Heart Institute, St. John's Children's Hospital, the regions only Level III Neonatal Intensive Care Unit, and a designated Level I Trauma Center. Over 600 physicians representing approximately 30 specialties and sub-specialties are on the medical staff. St. John's serves as a teaching hospital for SIU School of Medicine residents and medical students along with pharmacy students from across the Midwest. The hospital also supports other areas of medical careers education, including nursing, dietetics, medical technology and respiratory therapy. St. John's is an affiliate of Hospital Sisters Health System, a network of 13 medical centers throughout Illinois and Wisconsin. Our mission's two facets — business and spiritual The business side manages the realities of how to serve those that need our help, while the spiritual side focuses on the people who come to be healed. That spiritual focus sets us apart — surfacing in the values we hold and our commitment to service. When you become a part of St. John's team, you're getting experience and developing skills to launch your career. You're also working with a team of medical experts who believe in putting the patient first.

Swedish American Hospital Rockford, Illinois

Residency Director: Kara Clothier, kclothier@swedishamerican.org

Residency positions: 2

Swedish American Hospital is a full-service, non-profit hospital serving the greater Rockford region, northern Illinois and southern Wisconsin. Swedish American has an exclusive affiliation with UW Health and is a teaching hospital that hosts the University of Illinois College of Medicine's residency program. The PGY1 Pharmacy Practice Residency at Swedish American Hospital is an individualized training program to develop competent, independent practitioners able to provide comprehensive direct patient care in a variety of healthcare settings. The program consists of 12 month long learning experiences and longitudinal rotations in administration, pharmacy service completion of a pharmacy project. Upon completion of the program each resident will be prepared to enter a PGY2 program or clinical position and serve as a preceptor for pharmacy students.

University of Chicago Medical Center Chicago, Illinois

Residency Director: Jennifer Tryon, jennifertryon@uchospitals.edu

Residency positions: PGY1- 12, PGY2- 11 positions

Established in 1916, the University of Chicago Medical Center is a 541-bed academic medical center which has long been committed to the mission of providing superior healthcare in a compassionate manner while respecting patient individuality and dignity. This year U.S. News and World Report ranked UCMC nationally in 21 adult and pediatric specialties. These progressive hospitals provide innovative and cutting

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edge therapy to patients from all over the world. The Medical Center offers the full range of specialty and primary care services for adults and children. Built in 1983, Bernard A. Mitchell Hospital is a 441-bed tertiary care teaching hospital. This facility houses our adult acute care programs, including the emergency department and the Arthur Rubloff Intensive Care Tower. The ICU tower houses the University's six adult ICU care areas including the Burn and Electrical Trauma Unit, Neurosurgery and Neurointensivist Unit, General Surgery and Transplant Unit, Cardiac Care Unit, Cardiothoracic and Vascular Unit, and the Medicine and Pulmonary Unit. The University of Chicago Comer Children's Hospital is a tertiary care teaching hospital dedicated to preserving the health of children through patient care, education, and research into the causes and cures of childhood diseases. Comer Children's Hospital is a major referral center operating 155 beds. The new state-of-the-art \$130-million seven-story facility provides an ultra-modern yet child- and family-friendly setting for all inpatient children's health services at the UCMC. In addition, it includes one of the country's largest and most advanced Newborn and Neonatal ICU (47 level-III beds, 24 Level-II beds) as well as a Pediatric ICU and Pediatric Cardiac Care Unit. Pharmacists at the UCMC are strategically located throughout the medical center to allow teams of specialists to provide direct patient care virtually in all patient care areas. The pharmacy department is fully automated with McKesson Robot-RX in Mitchell Hospital. McKesson AcuDose-Rx technology is utilized via unit-based dispensing cabinets throughout the entire University campus. The Medical Center is equipped with computerized physician order entry and utilizes an electronic medication administration record. The Pharmacy offers a wide variety of clinical services in collaboration with healthcare teams for the cure, arrest and prevention of disease and/or symptoms of disease. Members of the clinical pharmacy staff provide decentralized care and patient education throughout the UCMC every day to assure safe, accurate, and cost-effective medication therapy. Pharmacists, residents, and students work with University stakeholders as well as community physicians, clinics and hospitals to improve the long-term of South Side residents. Together, they play a pivotal role in the UCMC culture of providing the right care at the right time in the right place.

- All pharmacy residency programs at the UCMC are unified together as Graduate Pharmacy Education. Collectively these criteria-based, post-graduate training experiences are designed to develop trainees into autonomous clinicians with the skills needed to lead patient-specific programs in acute practice settings. The conscientious integration of senior residents (PGY2), with junior residents (PGY1) provides all programs a dynamic and collaborative training environment based on the principles of graduate medical education. While on clinical service, PGY1 and PGY2 residents collaborate and serve as the primary pharmacist for their assigned patients. As members of integrated healthcare teams, residents work cooperatively with other providers to deliver safe medication therapy and achieve optimal outcomes. Residents participate in interdisciplinary rounds, develop patient care plans, and optimize medication therapy services.*
- In all programs, residents develop skills in clinical and didactic teaching, research, methodology, critical thinking, and pharmacy practice leadership. Residents are encouraged to identify and lead clinical and didactic teaching opportunities. This includes teaching pharmacy staff, pharmacy students and residents, nursing staff and medical staff and students. Residents are encouraged to participate in the teaching certificate program which prepares residents to lead and facilitate teaching discussions, evaluate student progress, and develop independent mentoring skills. An extensive research program allows residents to experience all phases of clinical research. The resident is expected to complete a research project, present the results at the regional conference, and submit an article for publication. Residents partner with residency faculty or explore their own research ideas. Leadership is integrated throughout the entire program. Residents are exposed to the mentorship of a variety of experts who challenge the resident to mature as a complete professional.*
- The PGY1 residency is a directed experience in hospital practice and general pharmacotherapy. The purpose of this program is to prepare an individual to practice as a Clinical Generalist or to pursue Clinical Specialist training via PGY2 residencies. Throughout the year, the program reinforces the knowledge, thought processes, and confidence for residents to provide pharmaceutical care to a variety of patient populations. Residents gain experience in all pharmacy programs by working as an autonomous pharmacist within the pharmacy operations and longitudinal oversight of medication order review, physician order verification, and sterile medication preparation. Through a range of rotational and longitudinal experiences, the PGY1 resident develops independent practice skills and pharmacy leadership.*

University of Illinois at Chicago Chicago, IL

Residency Director: Frank Paloucek, paloucek@uic.edu

Residency positions: 12

PHARMACY PRACTICE RESIDENCY PROGRAM

The pharmacy practice residency program provides training in overall delivery of healthcare with a major emphasis placed on drug-related issues and practices. During this one-year program, the resident effectively makes the transition from student to independent practitioner under guidance from the clinical faculty. The program also serves to prepare well those planning further specialized training.

The program's main goals are to:

- **develop competent clinical pharmacists capable of practicing in any setting;**
- **provide exposure to a diverse scope of pharmaceutical care services;**
- **foster leaders in clinical pharmacy practice and education.**

SPECIALTY TRAINING OPPORTUNITIES: There are ample opportunities at UIC for specialized training after completing a pharmacy practice residency. To further the residents' clinical abilities, UIC offers one-year specialized residencies in critical care, drug information, HIV, ambulatory care, pediatrics, transplant, cardiology, emergency medicine, and oncology. In addition, UIC has two-year research fellowships in cardiology, PK/PD/PG, infectious disease, transplant, and pharmacoeconomics/ outcomes research.

UW- School of Pharmacy-Community Pharmacy Residency Madison, Wisconsin

Residency Director: Mara Kieser, makieser@pharmacy.wisc.edu:

Residency positions: 7

The University of Wisconsin Community Pharmacy Residency Program (UWCPRP) was developed in 2004 by a group of innovative community pharmacies involved in training community residents and the University of Wisconsin School of Pharmacy. This multi-site program was created to forward innovative community pharmacy practice through the development of quality residency training programs designed to enhance the practice skills of today's community pharmacist. The UWCPRP represents a variety of community practice sites that offer innovative practice experiences and unique opportunities for teaching and research with faculty members at the School of Pharmacy. The 2014-2015 sites include:

-Access Health Center Pharmacy – Madison, WI; Dean Clinic Pharmacy East - Madison, WI; Dean Clinic Pharmacy - Janesville, WI; Dean Clinic Pharmacy West - Madison, WI; Group Health Cooperative SCW – Hatchery Hill, Madison, WI; Stockbridge Munsee Indian Health Service – Bowler, WI; The Medicine Shoppe – Two Rivers, WI

-For more information please see <http://www.pharmacy.wisc.edu/education/community-pharmacy-residency>

Residency goals to develop within the resident include:

-Clinical competence in the field of community clinical practice, competence in clinical practice program development and practice management, competence in teaching and training, professional leadership through community and professional involvement and scholarly activities, competence in self-evaluation and self-directed learning.

VA Illiana Health Care System, Danville IL

Residency Director: Barbara Casper, Barbara.kasper@va.gov

Residency positions: PGY1- 2

VA Illiana Health Care System includes the main hospital campus in Danville, IL and five community-based outpatient clinics across central Illinois and Western Indiana. Danville is home to the eighth oldest VA facility in the nation, established in 1898. Together, the six facilities provide care to over 30,000 Veterans across central Illinois and Western Indiana.

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This residency provides a broad range of learning experiences in both inpatient and ambulatory care settings. Residents will have rotations in internal medicine, ambulatory care, mental health, pharmacoeconomics, home based primary care, community living center, and pharmacy administration. Longitudinal experiences include completion of a quality improvement project, teaching certificate, inpatient staffing, pharmacy administration and ambulatory care clinics. The residency program is affiliated with Southern Illinois university Edwardsville College of Pharmacy. Upon completion of the residency, the graduate will be prepared for a PGY-2 residency or practice in a clinical, academic, and/or management setting.

Wheaton Franciscan Inc. – St. Joseph Hospital Milwaukee, Wisconsin

Residency Director: Nishil Patel, nishil.patel@wfhc.org:

Residency positions: 6

Residency Mission: The pharmacy residency program is designed to develop self-directed practitioners who are prepared to assume an advanced practice in a hospital environment. The resident will acquire or enhance pharmaceutical care, leadership, and administrative skills.

Residents completing the program will be competent, confident, and compassionate practitioners. They will function as effective members of the healthcare team with the ultimate goal of providing optimal pharmaceutical care to patients. These pharmacists will possess the knowledge and experience required to be proficient in appropriate medication use. They will develop and practice effective written and verbal communication skills and become valuable educators of healthcare professionals, patients, students, and the community.

Residency graduates will demonstrate time management and independent thinking skills that will make them leaders within their practice settings and within the profession.