Appendix C Infectious Diseases

PGY2 Infectious Diseases Pharmacy Residency Program Overview

National Matching Service Code: 509655
https://health.ucsd.edu/specialties/pharmacy/residency/Pages/infectious_diseases.aspx

The UC San Diego Health Department of Pharmacy offers a one-year specialty residency in infectious disease pharmacy practice beginning August 1st or upon licensure in California (see below).

Scope:
UC San Diego Health (UCSDH) consists of three acute care hospitals (UC San Diego Medical Center in Hillcrest, Sulpizio Cardiovascular Center and Jacobs Medical Center which includes former Thornton Hospital) and associated outpatient clinics. UCSDH is also affiliated with Rady Children's Hospital-San Diego, the Veterans Affairs San Diego Healthcare System and the Sharp Memorial Hospital Joint Bone and Marrow Transplant Program. In addition, UCSDH is affiliated with the UCSD School of Medicine and the UCSD Skaggs School of Pharmacy and Pharmaceutical Sciences. The Department of Pharmacy provides clinical services at all three hospitals and assorted other clinical services. Clinical services include surgical, trauma, medical, burn, neurocritical, neonatal and cardiovascular ICUs, in addition to internal medicine, surgery, cardiology, oncology, solid organ transplantation and bone marrow transplantation, and HIV/AIDS and others.

The Infectious Diseases (ID) service at UCSDH provides broad inpatient coverages, including: two General Inpatient ID services (one at Hillcrest and one in La Jolla), a Hematology and Oncology ID Service which includes coverage of Bone Marrow Transplant patients in La Jolla, a Solid Organ Transplant ID Service in La Jolla and an HIV/AIDS ID Service in Hillcrest. This specialty residency balances direct patient care, research, and teaching opportunities and is tailored to the individual’s interest within the infectious diseases and antimicrobial stewardship discipline. Emphasis will be placed on antimicrobial stewardship, acting as an active and essential member of the Infectious Diseases Consultation Service and the Antimicrobial Stewardship Program, active participation in microbiology laboratory rounds, and excellent collaborations with the multidisciplinary team.

Purpose:
PGY2 pharmacy residency programs build on Doctor of Pharmacy (Pharm.D.) education and PGY1 pharmacy residency programs to contribute to the development of clinical pharmacists in specialized areas of practice. PGY2 residencies provide residents with opportunities to function independently as practitioners by conceptualizing and integrating accumulated experience and knowledge and incorporating both into the provision of patient care or other advanced practice settings. Residents who successfully complete an accredited PGY2 pharmacy residency are prepared for advanced patient care, academic, or other specialized positions, along with board certification, if available.

Program Description:
UCSDH is a university-affiliated teaching hospital system which provides the unique capability to engage each of our residents in direct patient care activities, research, administration and project management and teaching. A primary goal of the UCSDH PGY2 Infectious Diseases Pharmacy Residency is to train and educate pharmacists in the delivery of exemplary pharmaceutical care to patients with infectious diseases. This residency embraces the concept that infectious diseases pharmacy practitioners share in the responsibility and accountability for optimal drug therapy outcomes. Infectious diseases pharmacy residents must function independently as practitioners through conceptualizing, integrating, and transforming accumulated experience and knowledge into improved drug therapy for patients and overall antimicrobial stewardship. The resident(s) will engage in various learning experiences with depth, allowing them to understand and appreciate the implications of medication therapy used in various disease states commonly encountered in this volatile patient population. These advanced practitioners will demonstrate leadership and practice management skills, and will develop proficiency in communication through educating other health care professionals, patients, and students on infectious diseases issues. The practitioners will develop the skills necessary to conduct an infectious diseases research project as well as demonstrate professional maturity by strengthening their personal philosophy of practice, monitoring their own performance, and exhibiting commitment to the profession. Graduates of this specialized program will create working career plans and possess intense, focused marketable job skills that should prepare them for career opportunities in Infectious Diseases and Antimicrobial Stewardship in addition to any advanced pharmacy practitioner: independent practice skills, multi-tasking and prioritization.
This specialty residency balances service, research, and teaching opportunities and is tailored to the individual. Primary service responsibilities include antimicrobial stewardship, attending microbiology laboratory rounds, and participation with the Infectious Diseases Consultation Service. A broad range of electives are available for the resident to select from in addition to a variety of longitudinal clinical practice sites. Teaching activities include regular didactic presentations, leading ID-related therapeutics conferences in the UC San Diego Skaggs School of Pharmacy and Pharmaceutical Sciences, and, as warranted, clerkship preceptorship of first-year pharmacy practice residents and fourth-year UC-San Diego pharmacy students in their clinical infectious diseases learning experience. The ability to work independently and to supervise pharmacy students and residents will be emphasized. The resident will also be involved in a research project where scientific writing is strongly emphasized and the preparation of a manuscript suitable for publication will be expected. Residents will be required to staff 16 weekends covering inpatient medicine patients or operational shifts.

**Number of residency positions available:** 1 resident is accepted each year.

**Resident Pay and Benefits:** Refer to UC San Diego Health Pharmacy Residency website (https://health.ucsd.edu/specialties/pharmacy/residency/Pages/Salary-and-Benefits.aspx) for details on salary and benefits.

**Requirements of Residents Prior to Starting the Program:**
If matched with the UC San Diego Residency Program, matched candidates must have all of the following:

1. Graduated from an ACPE-accredited school of pharmacy with a Doctor of Pharmacy degree
2. Successfully completed an ASHP-accredited PGY1 pharmacy residency.
   a. Upon receipt of application to the program, the RPD will reach out to the PGY1 program director to assess good standing in the program
   b. A signed residency certificate will be required prior to beginning residency.
3. Obtained California pharmacy licensure prior to beginning residency.
   a. The residency is expected to begin on the last Monday of July, or first Monday of August, depending on the Human Resources orientation schedule. However, the resident must have obtained their California pharmacist license prior to beginning residency (absolute deadline to start = November 1st).
   b. If the resident is not licensed by November 1st, they will be dismissed from the residency. The residency offer may be rescinded if the resident does not take the California Board of Pharmacy law exam prior to August 1st or does not pass the California Board of Pharmacy law exam on the first attempt.

**Potential Residency Early Commitment:**
We may invite internal PGY1 UCSDH residents to apply for Early Commitment to the PGY2 Infectious Diseases Residency. An application requires parts 1 and 2 below.

**The 2022 - 2023 resident will be identified via the match as described in the process below.**

**Residency Application:**
All applicants must be enrolled in the Resident Matching Program. To facilitate this enrollment process and for further information, please visit the following website: www.natmatch.com/ashrpm. Applications will be accepted when PhORCAS opens and due by December 31st. Applications should be submitted through PhORCAS and include the following:

1. Letter of intent. Please address the following items in your letter of intent and how you will play a role in these items. Your letter of intent should be no more than 2 pages in length.
   a. Address where you feel infectious diseases pharmacy will be in 5 years.
   b. Address your vision of an infectious diseases pharmacist practicing at the top of their license.
2. Current *Curriculum Vitae* with all experiential completed and anticipated rotations as well as pharmacy work experience.
3. Three (3) electronic references are required. At least two (2) of the letters should be from preceptors or supervisors who can directly comment on your clinical and practice skills.
   **Note:** Please have recommendation writers complete the electronic reference form within PhORCAS with detailed characteristic and narrative comments. One to two areas of improvement or constructive feedback that the recommender feels the candidate should continue to work on as a PGY2 resident should be identified. No separate letter of recommendation is required.

**Interviews** (virtual during COVID-19) will be held late January through February.
Planned Program Structure (2022–2023)

- 2-4 weeks of orientation/training/research (duration determined by the resident’s previous experience, may be split into blocks)
- Core (required) learning experiences (Block, 2 – 6 weeks in length):
  - General Infectious Diseases (ID) (4 – 5 weeks, determined by resident previous experience and goals)
  - Antimicrobial Stewardship 1 (2 - 4 weeks, determined by resident goals)
  - Antimicrobial Stewardship 2 (advanced) (3 – 4 weeks, determined by resident goals)
  - HIV (3 – 6 weeks, determined by resident goals)
  - Hematology/Oncology/BMT ID (BMT ID) (3 – 6 weeks, determined by resident goals)
  - Solid Organ Transplant (SOT) / Ventricular Assist Device (VAD) ID (3 – 6 weeks, determined by resident goals)
  - Foundations in microbiology laboratory (4 – 5 weeks, determined by laboratory availability and resident goals)
  - Advanced Infectious Diseases (4 – 5 weeks, determined by resident goals)
- Longitudinal Clinic (required) Learning Experience(s) (one half-day per week, duration variable as below):
  - See information below
- Elective learning experiences: (Block, 3 – 4 weeks each)
  - See list below
- Resident project/research (Longitudinal, 12 months)
  - Includes participation in Research Primer Series
- Staffing (16 weekends annually, includes one minor and one major holiday) (Longitudinal, 12 months)
- Practice Management (Longitudinal, 12 months)
  - Includes participation in the UC-Wide ID/ASP Collaborative and the UC-Wide ID Resident Network
  - Practice Management / Quality Improvement (Medication Utilization Evaluation (MUE), Orderset /Monograph/Guideline)
  - Infectious Diseases Appendix
  - Completion of competencies as assigned and required by department
- Effective Education / Teaching / Presentations (Longitudinal, 12 months)
  - Grand Rounds (1 required)
  - Journal Club Presentation (at least 2 required)
  - Presentations to health care professionals or those in training (e.g. Pharmacy Clinical Forum, Infectious Disease Grand Rounds) (at least 3 required)
  - Inservices (at least 3 required of which at least 1 must be to nursing)
  - Participation in UC San Diego Skaggs School of Pharmacy and Pharmaceutical Sciences Infectious Diseases Therapeutics Course
  - Preparation of manuscript suitable for publication

Required Learning Experiences:
PGY2 residents will gain the skills necessary to function as the primary ID/ASP pharmacist during their required learning experiences with the expectation that the resident will embrace the concept that ID/ASP pharmacists share in the responsibility and accountability for optimal drug therapy outcomes; participating, coordinating and/or handling all aspects of the antimicrobial medication process from culture/microbiologic identification/testing ordering to follow-up to auditing/feedback and reporting on quality metrics. The resident will be expected to build relationships within the interdisciplinary medical team, working proactively with a variety of disciplines (nurses, microbiologists, case managers, social workers, physicians and physician extenders, and learners) to achieve efficacy and safety and optimal antimicrobial medication therapy and outcomes. Depending on the core rotation, daily activities may include but are not limited to: attending daily multidisciplinary rounds on ID, serving as the first point of contact for ID pharmacy questions from students, residents (medical and pharmacy), pharmacists and ID fellows and ID attendings in a layered learning model, collaborating with physicians and other health care providers to discuss optimal pharmacotherapy, participating in patient education/consultation, performing pharmacokinetic monitoring on therapeutically monitored drugs, antimicrobial stewardship audit and feedback, participation in the set-up or optimization of antimicrobial medication orders/ordersets/guidelines and overseeing and directing PGY1 resident and pharmacy student activities. The
interdisciplinary aspects of these required experiences prepare residents for any type of practice environment they may encounter in their future jobs by emphasizing the development of essential skills required for an advanced pharmacy practitioner including independent practice skills, proficiency in communication, leadership as well as the ability to multi-task and prioritize duties and responsibilities.

**Elective Rotations (aka supplemental learning experiences):**
The resident will have an opportunity to choose from 2 - 3 elective rotations, usually of 3 – 4 weeks in duration in an area dependent on the resident’s previous experience and goals. Areas of excellence include Critical Care (Medicine CCU, Burn ICU, Surgical ICU, Cardiovascular ICU, Neurocritical Care ICU), Bone Marrow Transplant, Hematology/Oncology, Hepatology, Cardiothoracic Transplant and Abdominal Transplant Services, HIV inpatient and outpatient services, Transitions of Care, and Information Services. The resident may choose to repeat a required rotation at a more advanced level (i.e. Transplant or BMT ID). The elective choices allow the resident the flexibility to tailor their PGY2 experience to an area of interest. The primary focus during these elective rotations would be the infectious diseases and antimicrobial stewardship associated with these patient populations.

**Longitudinal Clinic:**
In addition to the acute care learning experience, the resident will participate in at least two longitudinal clinic blocks of their choice during their residency. This clinic involvement will be a ½ day per week and will give the resident a chance to view the outpatient management of patients on a long term basis. Typically residents do one half-day clinic during the first half of the year (i.e. HCV Clinic) and a different clinic during the second half of the year, however, clinic choice, duration and schedule may vary by resident goals and clinic availability. It is highly encouraged that the resident participates in a clinic that oversees the care of patients with HCV (i.e. HCV clinic or HIV/HCV co-infection clinic) and, if the inpatient HIV service is chosen as a Core Learning Experience, residents are encouraged to also participate in a clinic that oversees HIV patients (i.e. Owen Clinic or HIV/HCV co-infection clinic). There are additional potential options for longitudinal experiences/clinics based on availability and resident goals (i.e. Cystic Fibrosis Clinic, Solid Organ Transplant ID Clinic).

**Staffing:**
Staffing will be incorporated into the residency experience with weekend shifts that provide the opportunity for PGY2 residents at UCSDH. The PGY2 resident will be invited to staff 16 weekends (which includes 1 minor holiday weekend PLUS 1 major holiday (Thanksgiving, Christmas, or New Year’s)). To help provide more formative feedback, residents are expected to seek feedback from at least one staff member each weekend they staff. The feedback will be solicited via an online survey which can be found on the Pharmacy intranet page.

**Research Project / Project:**
The resident will be responsible for conducting a resident project throughout the academic year that will be completed and presented at the UC Collaborative Annual Pharmacy Leadership Conference, or an equivalent conference. A Resident Research Primer Course has been developed by the UC San Diego Health Research Council to coach residents through the various aspects of the research process. PGY2 critical care residents who have not previously completed the Research Primer Course are required to attend. PGY2 critical care residents who have previously completed the Research Primer Course will required to attend some, but not all, meetings. They will be required to complete all competencies. Passing competency score is 80%.

More information can be found in the Resident Manual. If time allows, the resident will be involved with the initiation of a second project. This initiation phase will involve defining the study design, writing up the protocol and beginning the IRB approval phase. The purpose of starting a second project is to facilitate subsequent critical care residents who can then finish the projects that were started the previous year. A list of project ideas will be generated from the ICU preceptors and the resident is expected to select a project during the first month of the residency year.

Research time will be given during the resident year. During research weeks, the resident is expected to be onsite for at least 8 hours daily; preferably between 6:00 am and 6:00 pm. Any excursions from this time must be accounted for by requesting time off via the leave adjustment form on the Pharmacy intranet page.

**Practice Management:**
The PGY2 resident will track their progress and development in the areas of ongoing antimicrobial stewardship initiatives, practice management, clinical quality improvement projects (if not part of a year-long resident project), medication use evaluation, orderset review (and/or formulary monograph), and effective education or training to health care professionals or those in training through this longitudinal experience. Quarterly, the RPD and resident will complete a summative evaluation via PharmAcademic and update the resident’s customized training plan, as needed. Items which are included...
and evaluated in this longitudinal rotation include committee participation (Antimicrobial Utilization Committee, Infection Control Committee), Quality improvement opportunities (orderset or guideline creation or review), and the resident’s progress covering disease states listed in the ID Appendix and associated with the ASHP supplemental standard for an Advanced Practice Residency in Infectious Diseases.

**Practice Management:** The resident will be required to complete a formulary monograph or order set review and medication use evaluation. Each resident will be required to complete one annually. The projects will be larger in nature than PGY1 Pharmacy resident projects and focused on Antimicrobial Stewardship or Infectious Disease Topics.

**Committee Participation/Meetings:**
The resident will be required to participate in committees relevant to ID/ASP patient management at UCSDH in a longitudinal manner. These committees include participation in weekly Antimicrobial Stewardship Program team meetings, Antimicrobial Utilization Committee meetings (meets at least 1x quarterly), Infection Control Committee (at least quarterly), and at least two Pharmacy and Therapeutics (P&T) Committee Meetings. These committees review antimicrobial use, ASP processes, and collaborate with multidisciplinary team members to strive to find ways to optimize efficacy and safety of antimicrobial use at UCSDH. The resident will be an active participant through meeting attendance, and presentation and discussion of practice management initiatives. The resident will also participate actively in the UC-Wide ID/ASP Collaborative (meetings ~1x monthly) and UC-Wide ID Resident Network.

**Infectious Diseases Appendix:**
The resident’s progress in covering disease states listed in the Infectious Diseases Appendix (topics listed individually in learning experience descriptions) will be tracked through attestation during core, longitudinal or elective learning experiences and quarterly in the customized training plan.

**Required Competencies:**
The resident functions as a licensed pharmacist in patient care activities. Completion of competencies as assigned and required by the pharmacy department and expected of all clinical pharmacists.

**Effective Education:**
Effective education opportunities which will be evaluated will include grand rounds, presentations to health care professionals or those in training (e.g. Pharmacy Clinical Forum, Infectious Disease Grand Rounds) (at least 3 required), didactic forums or inservices, journal clubs (at least 2 required during residency) and teaching opportunities (SSPPS Therapeutics Conference Leader and Didactic lecture of an Infectious Diseases related topic at SSPPS).

**Grand Rounds:** The resident will deliver a 1-hour CE lecture to the pharmacy staff regarding a controversial topic in infectious diseases. The grand rounds presentation needs to be presented to the project preceptor at least 2 weeks in advance for feedback and comments. A full “run-through” presentation must be scheduled at least one week in advance of the planned presentation to provide a seamless educational lecture. Please refer to the Residency Manual for more information on timelines, expectations and evaluation strategies. An on-demand PharmAcademic evaluation will be used to track Grand Rounds completion. Progression towards completion of graduation requirements will be tracked via the Effective Education PharmAcademic evaluation, customized training plan, and/or via discussion with preceptors at RAC meetings.

**Journal Clubs:** Residents are required to present at least two formal journal club presentations during the year. Journal Club topics should be focused on critically analyzing a recently published journal article related to ID pharmacotherapy or Antimicrobial Stewardship. Presented journal clubs must be presented to the project preceptor at least one week in advance for feedback and comments. Failure to do so will result in delay of the presentation. An on-demand PharmAcademic evaluation by the RPD, learning experience preceptor, or clinical preceptor will be used to track Journal Clubs. Progression towards completion of graduation requirements will be tracked via the Effective Education PharmAcademic evaluation, customized training plan, and/or via discussion with preceptors at RAC meetings.

**Presentations to health care professionals and those in training:** The resident is required to present at least 3 presentations to health care professionals and those in training (e.g. Pharmacy Clinical Forum, Infectious Disease Grand Rounds) that are separate from learning experience-related presentations. Clinical Forums are typically clinically focused 20- minute presentations based on a recent patient case or pertinent topic. The resident is
Appendix C PGY2 Infectious Diseases Pharmacy, page 6

The resident is required to conduct 3 in-services during the residency year with 1 focused on nursing staff. The remaining in-services can target an audience of the resident’s choosing. The resident is expected to be proactive in determining the need for focused in-services as well as facilitating topics and logistics related to the in-service over the course of the residency year.

**Teaching - Skaggs School of Pharmacy and Pharmaceutical Sciences:** Involvement with UC San Diego’s School of Pharmacy will vary depending on the preceptor but it is anticipated that the resident will participate in case conferences as a conference leader. There will also be an opportunity to provide didactic lecture(s) on an Infectious Disease related topic, and may include preparing the lecture syllabus and exam questions and working with a SSPPS Faculty Member. Direct student precepting would occur while on rotation with UC San Diego pharmacy students jointly with the preceptor and direct precepting of PGY1 residents on rotation. Progression towards completion of graduation requirements will be tracked via the Effective Education PharmAcademic evaluation, customized training plan, and/or via discussion with preceptors at RAC meetings.

**Teaching Certificate:** Participation in the Teaching Certificate program is optional and will be discussed on a case by case basis. Please refer to the Residency Manual for more information on these topics. If the resident elects to complete the Teaching Certificate, the RPD will work with the PGY1 RPD to add the resident to expected events.

**Manuscript Suitable for Publication:** The resident will be required to write a manuscript suitable for publication by the end of their residency year. The purpose of this requirement will be the development of scientific writing and communication skills. The types of publishable literature can include any of the following types of manuscripts:

- Case Reports with a review of relevant literature
- Primary research/original research
- Medication Use Evaluation
- Meta-analysis of a disease state or therapy
- Review article
**Mock-Up Resident Learning Experiences and Rotation Schedule (2019 – 2020)**

**A Minimum of 80% of rotation time must be completed on block rotations**

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Appendix C PGY2 Infectious Diseases Pharmacy, page 7
Last Updated 12/21/2021
**Mock-Up Resident Learning Experiences and Rotation Schedule (2019 – 2020) (page 2)**

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**Longitudinal and Part of ID Core Rotations:**
- Micro Rounds on Tuesdays, Wednesdays, Fridays: 11 – 12 pm (Zoom)
- Attend ID Rounds on Thursdays from 3:30 – 5 pm
Assessment Strategy – PharmAcademic:
The PGY2 Infectious Diseases Specialty Residency Program uses the ASHP on-line evaluation tool called PharmAcademic, which is available for all ASHP-accredited pharmacy residency programs.

Residents who are matched with this PGY2 specialty program are entered into PharmAcademic prior to their arrival in August. The incoming resident completes two pre-residency questionnaires that help the RPD design a residency year that is tailored to the specific needs and interests of the resident:
- ASHP Standard Entering Interests Form
- Goal-Based Entering Interests Form

Residents’ schedules and assigned goals and objectives are entered into PharmAcademic. We have chosen to use the PharmAcademic evaluation tools for our Learning Experiences. For each Learning experience, the following Assessments are completed:
- Preceptor Assessment of Resident: Summative (for each Learning experience)
- Resident Self-Assessment: Summative-self (for each Learning experience)
- Resident Assessment of the Learning Experience
  - Resident assessment of Preceptor
  - Resident assessment of Learning Experience

Preceptors and residents are encouraged to exchange in on-going, daily verbal feedback throughout each rotation (learning experience). Six-week block rotations have a mid-point summative evaluation as well. The Resident and Preceptors are trained and reminded throughout the year to complete evaluations in a thorough (quantitatively and qualitatively) and timely manner. To this end, evaluations may be used, not only as assessment tools, but as tools that Preceptors may turn to for help in guiding Residents to improve, grow and achieve the residency programs and the residents’ goals and objectives for the residency year. The RPD reviews all evaluations and solicits verbal feedback from preceptors and residents to provide guidance to help the resident maximize the residency experience.

The resident will discuss individualized program goals and interests on a quarterly basis (Quarterly Update and Customized Training Plan) with the RPD to evaluate where they are in meeting the residency goals and to set or modify goals for the remainder of the residency program. The resident may request to meet with the RPD outside of this quarterly meeting, as needed, if their interests change throughout the year. The resident may request schedule modifications throughout the residency year and the RPD will make all efforts to accommodate these requests. Assessment tools will be adjusted as changes are made.

The resident will be expected complete all relevant exit evaluations as well as a year-long evaluation of the residency program.

The results of these year-end Program evaluations are reviewed by the RPD for potential merit and potential action plans are developed in an effort to achieve continuous quality improvement.
Assessment Overview (PGY2 Infectious Diseases)

It is the resident’s responsibility to initiate the evaluation process with each rotation preceptor prior to the end of each learning experience and to schedule at least quarterly meetings with the residency director.

<table>
<thead>
<tr>
<th>Learning Experience</th>
<th>Frequency</th>
<th>Resident Self-Assessment (summative)</th>
<th>Preceptor Assessment of Resident (summative)</th>
<th>Resident Assessment of Preceptor and Experience</th>
<th>On-demand</th>
<th>Feedback via Pharm Academic</th>
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* On-demand evaluations may be requested after inservices or presentations at required meetings. Intermittent on-demand evaluations may continually track progress of the ongoing projects. Feedback will also be provided via PharmAcademic.
Local/Regional/National Meetings: 
The residents will have the opportunity to attend various professional meetings throughout the year. The annual travel stipend is variable, based on funding. In the past, residents have received a set stipend for the year which they can use at their discretion for registration, travel, accommodations, etc. The cost of attending UC Collaborative Annual Pharmacy Leadership Conference (or an equivalent conference) will be deducted from the travel stipend, along with any other conferences the resident chooses to attend. Residents are encouraged to attend a specialty meeting (e.g. IDWeek (IDSA), Infectious Diseases Association of California (IDAC) Symposia). Attendance at UC Collaborative Annual Pharmacy Leadership Conference (or an equivalent conference) to present their resident project is mandatory.

PGY2 Infectious Diseases Competency Areas, Goals and Objectives:
- Educational Outcome: broad categories of the residency graduates’ capabilities.
  - Outcome R1: Patient Care
  - Outcome R2: Advancing Practice and Improving Patient Care
  - Outcome R3: Leadership and Management
    - Outcome R4: Teaching, Education, and Dissemination of Knowledge
- Educational Goals: Goals listed under each outcome are broad sweeping statements of abilities.
- Educational Objectives: Resident achievement of educational goals is determined by assessment of the resident’s ability to perform the associated educational objective below each educational goal.
- The resident is encouraged to read detailed information about each goal at the ASHP website under Required Competency Areas, Goals and Objectives for Postgraduate Year Two (PGY2) Infectious Diseases Pharmacy Residencies (2017).
- For information about Goals and Objectives Taught/Taught and Evaluated in Learning Experiences, please visiting PharmAcademic, go the ‘Reports’ tab, and click on ‘Goals and Objectives Taught/Taught and Evaluated in Learning Experiences’.

PGY2 Infectious Residency Requirements for Completion/Graduation:
- Successful completion of all learning experiences. All learning experience objectives must be marked satisfactory progress (SP), achieved (ACH) or achieved for residency (ACHR) by the final evaluation of all learning experiences. Any expectations of the residents that are not met or learning objectives marked as needs improvement (N/I) from an on-demand or scheduled evaluation will result in a meeting between the learning experience preceptor, RPD, and the resident where a plan of correction will be formulated. Failure to complete the plan of correction may result in disciplinary action
- ≥90% of RLS objectives marked “Achieved for the Residency” by the end of the year (as evaluated by individual rotation preceptors or by the RPD upon final review of the resident’s progress). All patient care related objectives (Outcome R1: Patient Care) must be achieved.
- Twelve months minimum is allotted to successfully complete the core requirements. If a core rotation must be repeated, then elective time shall be used. If the above requirements are not met in full, the residency certificate may be withheld at the discretion of the residency director.
- If not completed during a UC San Diego PGY1 residency program, resident will be required to complete a Research Primer Course and demonstrate competence as defined by the Research Council. If necessary, a remediation plan will be designed for residents who do not demonstrate competence.
- Creation and completion of required projects and presentations and development of a manuscript suitable for publication.