Appendix H Psychiatry

PGY2 Psychiatric Pharmacy Residency Program Overview

National Matching Service Code: 669066
https://health.ucsd.edu/specialties/pharmacy/residency/Pages/psych.aspx

The UC San Diego Health Department of Pharmacy and the UC San Diego Skaggs School of Pharmacy and Pharmaceutical Sciences (SSPPS) offers a one-year specialty residency in psychiatric pharmacy practice beginning August 1.

Scope:
UC San Diego Health 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. UC San Diego Health is also affiliated with Rady Children’s Hospital-San Diego, the Veterans Affairs San Diego Healthcare System, and the Sharp Memorial Hospital Joint Blood and Marrow Transplant Program. The Health System is affiliated with the UC San Diego School of Medicine and the UC San Diego Skaggs School of Pharmacy and Pharmaceutical Sciences. The Department of Pharmacy provides clinical services at all three hospitals, including ICU services in the surgical, medical, burn, neonatal and cardiovascular ICUs, as well as assorted other clinical services.

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 advanced or specialized 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 that improves medication therapy. Residents who successfully complete an accredited PGY2 psychiatric pharmacy residency should possess competencies that quality them for clinical pharmacy and/or faculty positions and position them to be eligible for attainment of board certification in psychiatric pharmacy.

Program Description:
Pharmacy residents completing the UC San Diego Postgraduate Year Two (PGY2) Psychiatric Pharmacy Practice Residency will be described as advanced practitioners who can serve as an authoritative resource on the optimal use of medications used to treat individuals with psychiatric and neuropsychiatric disorders. The resident will be competent in the management of patients with a wide range of acuity, including medication therapy management for various neuropsychiatric disease states in a variety of acute care and ambulatory health settings and health systems. They will have been responsible for achieving optimal drug therapy outcomes as part of an interdisciplinary health care team. The resident will have demonstrated proficiency in oral and written communication skills and in educating other health care professionals, patients, students and the community on mental health disease and drug related topics. The resident will have opportunities to precept students on rotation from the UCSD Skaggs School of Pharmacy and Pharmaceutical Sciences. Residents will have demonstrated professional maturity by evaluating and monitoring their own performance, as well as the performance of their preceptors. The resident will have been trained in research methodologies and leadership skills, developed organizational and time management skills, and become proficient in the use of technology to support evidence-based medicine and patient-centered care. Graduates of this PGY2 residency will possess knowledge and skills that should prepare them for career opportunities in any neuropsychiatric unit for any health care organization. Graduates of this program will also be eligible and prepared to sit for board certification in psychiatric pharmacy.

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

House Officer Details:
The annual stipend is currently $54,000. Benefits include medical, dental, and vision insurance. In addition, vacation, sick and professional leave are provided. Please visit the UC San Diego Health Pharmacy Residency webpage for more information about duty hours, leave, benefits, position description, terms of dismissal, and more. Click on the House Officer Policy and Procedure Document:

Requirements:
All applicants will be required to participate in on-site interviews that will be held during late January through early March. This specialty residency program participates in the ASHP Resident Matching Program. 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/ashprmp

If matched with the UC San Diego Residency Program, matched candidates must have all of the following:

1. Graduated from an accredited school of pharmacy with a Doctor of Pharmacy degree
2. Successfully completed an accredited PGY1 pharmacy practice residency
3. Obtained California pharmacy licensure prior to beginning residency (absolute deadline to start = November 1st). The residency offer may be rescinded if the resident does not take the CPJE prior to August 1st or does not pass the CPJE on the first attempt.

Application:
Applications will be accepted beginning 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 two pages long.
   o Address where you feel psychiatric pharmacy will be in 5 years
   o Address your motivation and personal goal of becoming a psychiatric pharmacist
2. Current Curriculum Vitae with all experiential completed and anticipated rotations as well as pharmacy work experience.
3. Three electronic references are required. At least 2 of the references 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. At least two areas of strength and 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.

Program Structure:
The PGY2 resident will gain the skills to function as a psychiatric pharmacist during the required and elective rotations. Primary service responsibilities include rounding with the interdisciplinary team (inpatient experiences) to design, recommend, monitor, and evaluate patient-specific therapeutic regimens that incorporate the principles of evidence-based medicine. The resident will also learn skills needed to function within a multidisciplinary mental health treatment team. Daily activities will include: participating in treatment rounds, reviewing each patient's profile for appropriateness of drug therapy, providing provider, nursing and patient education, validating pharmacy orders on patients, and overseeing and directing PGY1 resident and pharmacy student activities. This integration of staffing and clinical services prepares the resident 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: independent practice skills, multi-tasking and prioritization. During ambulatory care experiences, the resident will learn to integrate psychopharmacology knowledge in the care of specialty clinic patient populations.

**Description of each learning experience can be found in PharmAcademic**

<table>
<thead>
<tr>
<th>Orientation &amp; Training (1-3 weeks)</th>
<th>Duration dependent on resident’s previous experience</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 Core rotations (4-6 weeks)</td>
<td>Adult Psychiatry I and II, Geropsychiatry, Chemical Dependence, Child &amp; Adolescent Psychiatry, Correctional Psychiatry, Consult Liaison Psychiatry</td>
</tr>
</tbody>
</table>
| 3 Electives (4-5 weeks)           | Pain & Palliative Care, HIV/Owen Clinic, Academia, ED Pharmacy, Adult Psychiatry (private hospital)  
   The resident may also choose to repeat one of the following Core rotations: Geropsychiatry, Consult Liaison Psychiatry, Child/Adolescent Psychiatry, Correctional Psychiatry. |
| Longitudinal Clinics              | ADHD Clinic, Neurology Clinic                      |
### Research (3 weeks)
In addition to time provided during orientation

### Teaching
- Weekly conference facilitation for Therapeutics Course at SSPPS (10 weeks)
- Minimum of 1 didactic lecture in Therapeutics 212C course (1-2 hours)

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#### PGY2 Psychiatric Pharmacy Practice Residency
**Learning Experiences and Rotation Schedule (Example)**

<table>
<thead>
<tr>
<th>Rotation</th>
<th>Dates</th>
<th>Learning Experience*</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>8/1/17 – 8/27/17</td>
<td>Orientation and Training (3 – 4 weeks pending licensure)</td>
</tr>
<tr>
<td>2</td>
<td>8/28/17 – 10/1/17</td>
<td>Adult Psychiatry I Core¹ (5 weeks)</td>
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<tr>
<td>3</td>
<td>10/2/17 – 11/5/17</td>
<td>Adult Psychiatry⁷ (5 weeks)</td>
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<tr>
<td>4</td>
<td>11/6/17 – 12/3/17</td>
<td>Geropsychiatry Core¹ (4 weeks)</td>
</tr>
<tr>
<td>5</td>
<td>12/4/17 – 12/24/17 &amp; 1/8/18 – 1/28/18</td>
<td>Correctional Psychiatry Core⁵ (6 weeks)⁶</td>
</tr>
<tr>
<td>6</td>
<td>12/25/17 – 1/7/18</td>
<td>Research/Project¹</td>
</tr>
<tr>
<td>7</td>
<td>1/29/18 – 3/4/18</td>
<td>Child and Adolescent Psychiatry Core⁴ (5 weeks)</td>
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<tr>
<td>8</td>
<td>3/5/18 – 4/8/18</td>
<td>Academia Elective⁶ (5 weeks)</td>
</tr>
<tr>
<td>9</td>
<td>4/9/18 – 5/13/18</td>
<td>Pain and Palliative Care Elective² (5 weeks) + Teaching⁶</td>
</tr>
<tr>
<td>10</td>
<td>5/14/18 – 6/17/18</td>
<td>Consult Liaison Psychiatry Core¹ (5 weeks) + Teaching⁶</td>
</tr>
<tr>
<td>11</td>
<td>6/18/18 – 7/22/18</td>
<td>Adult Psychiatry II Core¹ (5 weeks)</td>
</tr>
<tr>
<td>12</td>
<td>7/23/18 – 7/31/18</td>
<td>Research/Project¹</td>
</tr>
<tr>
<td>Longitudinal</td>
<td>8/28/17 – 7/31/18</td>
<td>Operations¹ (16 weekends per year and holidays)</td>
</tr>
<tr>
<td>Longitudinal</td>
<td>4/2/18 – 6/12/18</td>
<td>Therapeutics Course⁶ (10 weeks, Wed 1-5 PM + Exams)</td>
</tr>
<tr>
<td>Longitudinal</td>
<td>8/7/17 – 12/3/17</td>
<td>Adult ADHD Clinic⁸ (4 months, Tues 12-5 PM)</td>
</tr>
<tr>
<td>Longitudinal</td>
<td>1/8/17 – 3/4/18</td>
<td>Neurology Clinic² (3 months, 1 day per week, Fridays)</td>
</tr>
<tr>
<td>Longitudinal</td>
<td>8/1/17 – 7/31/18</td>
<td>Teaching and Continuous Professional Development¹,²</td>
</tr>
</tbody>
</table>

¹UC San Diego (Hillcrest), ²UC San Diego (Thornton), ³Sharp Mesa Vista Hospital, ⁴Radys Children’s Hospital, ⁵Richard J. Donovan Correctional Facility, ⁶UCSD Skaggs School of Pharmacy & Pharmaceutical Sciences; ⁷Scripps Mercy Hospital, ⁸UCSD Specialty Programs, La Jolla Village Professional Plaza

*Subject to change
Staffing:
Staffing will be incorporated into the residency experience with weekend shifts that provide the opportunity for PGY2 resident to cover the psychiatric units at UCSD Medical Center in Hillcrest. 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]). The resident will get 13 paid days for holidays and 12 sick days for the academic year. Vacation time will be in accordance with GME rules and will be defined as 20 days of vacation PLUS 5 days for professional leave to attend meetings or conferences.

Research Project:
The resident will be responsible for conducting 1 research project throughout the academic year that will be presented at the College of Psychiatric and Neurologic Pharmacists (CPNP) Annual Meeting. The resident may be asked to present the research project at an equivalent conference as appropriate. The resident is expected to submit the research findings to a peer-reviewed journal for publication prior to end of the residency year. A list of project ideas will be generated from the preceptors and resident is expected to select a project during the first month of the residency year.

CQI Project:
The residents will need to start and finish a Continuous Quality Improvement project during this academic year. The CQI topics will primarily be generated from the core preceptors and be strongly related to the mental health population. A list of project ideas will be presented to the residents on August 1st. Selection of a topic will need to be finalized by the end of the second week after starting the residency.

Presentations/Teaching:
The resident will have the opportunity to provide many educational lectures to their colleagues throughout the residency year. The resident will be evaluated on his/her teaching and professional outreach participation during the longitudinal Teaching and Continuous Professional Development learning experience.

Grand Rounds:
The resident will deliver a 1-hour CE lecture to the pharmacy staff regarding a topic in psychiatry. Allied health professionals are welcome to attend. Presentations are accredited for continuing education through California Accreditation for Pharmacy Education (CAPE).

Psychiatry Clinical Forums and Journal Clubs:
The resident is required to present 4 (at minimum) topic discussions and 2 journal club presentation during the year at our Psychiatry Clinical Forum, Pharmacy Clinical Forum and/or M&M Rounds. The mini grand rounds are 20-minute lectures on various didactic topics related to the ASHP supplemental standard for an Advanced Practice Residency in Psychiatry and will be relevant to the patient population the resident is currently involved with from a rotational perspective. The objective of journal club will be to select and critically review a recently published journal article related to psychiatry/neurology.

Skaggs School of Pharmacy and Pharmaceutical Sciences:
Teaching is a large component of our program. The PGY2 resident will have many opportunities to precept/teach and their training will include learning how to incorporate teaching into their clinical responsibilities. UC San Diego is a teaching institution affiliated with UCSD Skaggs School of Pharmacy and Pharmaceutical Sciences (SSPPS) and UCSD School of Medicine. The resident is required to deliver at least 1 (50-minute) didactic lecture for 3rd year pharmacy students at UCSD SSPPS for the Therapeutics Course (Psychiatry/Neurology Modules). The PGY2 psychiatry resident will also be a conference facilitator for the course. The resident will be required to participate in weekly preconferences and serve as a facilitator for a group of students. The resident will create patient case and SOAP keys for teaching purposes and may assist with creating/grading oral and written exams. The PGY2 resident will also have multiple opportunities to precept 4th year SSPPS pharmacy students and PGY1 pharmacy practice residents, as well as to work with UCSD physician interns, residents and fellows on most, if not all, rotations. In addition, the resident will be asked to give many educational lectures to their colleagues throughout their residency year.

Publication:
The resident will be required to write a manuscript suitable for publication by the end of the 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 the literature
- Primary research /original research
- Medication Use Evaluation
- Meta-analysis of a disease state or therapy
Professional Meetings:
The resident will have the opportunity to attend various professional meetings throughout the year. Resident receives an annual travel stipend that is variable based on available funding. The resident will receive a set stipend for the year which can be used at his/her discretion for registration, travel, accommodations, etc. The cost of attending the CPNP Annual Meeting (or an equivalent conference) will be deducted from the travel stipend, along with any other conferences the resident chooses to attend. Attendance at CPNP Annual Meeting is mandatory.

Assessment Strategy – PharmAcademic:
The PGY2 Critical Care Specialty Residency Program uses the ASHP on-line evaluation tool called PharmAcademic, which is available for all ASHP-accredited pharmacy residency programs. This system, which is technologically supported by the McCreadie Group, supports the ASHP Residency Learning System (RLS).

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 Residency Program Director (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 RLS Goals 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 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 Residents discuss their Program goals and interests quarterly (Quarterly Update and Customized Training Plan) with the RPD Form to evaluate where they are in meeting the residency goals and to set or modify goals for the remaining six months of the residency program. Residents may meet as needed as 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 complete the ASHP PharmAcademic exit evaluation. Residents also are requested to complete 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.

- Educational Goals: Optimize the outcomes of diverse populations of inpatients and outpatients with a variety of psychiatric and neuropsychiatric disorders and a range of complexity of problems by providing evidence-based, patient-centered medication therapy as an integral part of an interdisciplinary team.
- 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 (click on Psychiatric Pharmacy (PGY2), 2016)
- 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’.
Assessment Overview
PGY2 Psychiatric Pharmacy Residency

It is the resident’s responsibility to ensure the timely completion of all evaluations.

**Type of Assessment**

<table>
<thead>
<tr>
<th>Learning Experience</th>
<th>Frequency</th>
<th>Summative</th>
<th>Summative-self</th>
<th>Resident Assessment of Preceptor and Learning Experience</th>
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<tbody>
<tr>
<td><strong>Longitudinal</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Orientation &amp; Training</td>
<td>Once</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Teaching and Continuous Professional Development</td>
<td>Quarterly</td>
<td>X</td>
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<td>Operations</td>
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<td>X</td>
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<td>X</td>
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<tr>
<td>Research Project</td>
<td>Quarterly</td>
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<tr>
<td>Grand Rounds</td>
<td>Once</td>
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<td>CQI Project</td>
<td>Once</td>
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<td>Adult ADHD Clinic</td>
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<tr>
<td>Neurology Clinic</td>
<td>Midpoint and Final</td>
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<tr>
<td><strong>Focused Required Rotations</strong></td>
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<td>Chemical Dependence</td>
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<td>Consult Liaison Psychiatry</td>
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<td>Correctional Psychiatry</td>
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<td>Geropsychiatry</td>
<td>Final</td>
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<td><strong>Elective Rotations</strong></td>
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<td>Academia</td>
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<td>Pain and Palliative Care</td>
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<td>HIV/Owen Clinic</td>
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<td>ED Pharmacy</td>
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<td>Adult Psychiatry (private hospital)</td>
<td>Midpoint and Final</td>
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**Program Outcomes:**
Our Psychiatric Pharmacy (PGY2) residents **completing** this program will be advanced practitioners proficient in:

- Competency Area R1: Patient Care
  - Goal R1.1: In collaboration with the health care team, provide comprehensive medication management to patients following a consistent patient care process.
  - Goal R1.2: Ensure continuity of care during transitions between care settings for patients with psychiatric and neurologic disorders.
UC San Diego Health

- Competency Area R2: Advancing Practice and Improving Patient Care
  - Goal R2.1: Demonstrate ability to manage formulary and medication-use processes, as applicable to the organization.
  - Goal R2.2: Demonstrate ability to conduct a quality improvement or research project.

- Competency Area R3: Leadership and Management
  -Goal R3.1: Demonstrate leadership skills for successful self-development.
  - Goal R3.2: Demonstrate understanding of management in the provision of care for psychiatric patients.

- Competency Area R4: Teaching, Education, and Dissemination of Knowledge
  - Goal R4.1: Provide effective medication and practice-related education to patients, caregivers, health care professionals, students, and the public (individuals and groups).
  - Goal R4.2: Effectively employ appropriate preceptor roles when engaged in teaching students, pharmacy technicians, or fellow health care professionals.

- Competency Area R5: Management of Psychiatric Emergencies
  - Goal R5.1: Demonstrate understanding of the management of medical emergencies

**PGY2 Psychiatric Pharmacy Residency Requirements for Completion/Graduation:**

- Successful completion, all learning experience all learning experience objectives marked satisfactory progress (SP), 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 with needs improvement (N/I) from an on-demand or scheduled evaluation will result in a meeting between the learning experience preceptor, RPD, and resident and a plan of correction will be formulated. Failure to complete the plan of correction, may result in disciplinary action.

- ≥90% of RLS goals 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 goals (Outcome R1: Patient Care) and objectives must be achieved.

- Completion of a pharmacy residency project. Primary investigator with formal IRB approved research project, develop and submit an abstract for a presentation at a professional meeting and complete a manuscript suitable for publication.

- Completion of the CQI project.

- Completion of required presentations: 4 Core Discussion/Clinical Forum/M&M presentations, 2 Journal Clubs, 1 didactic lecture in Therapeutics 212C, 1 Grand Rounds presentation (+1 encore presentation)

- Participation in the Therapeutics Conferences (as described above)

- Twelve months maximum 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.