Class of 2017
Post-Graduate Educational and Professional Opportunities

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Welcome to Post-Graduate Preparation
Post-Graduate Planning Objective

• To develop a timely, comprehensive, structured program in post-graduate planning for student pharmacists at UC San Diego Skaggs School of Pharmacy.
A Postgraduate Education Preparation Program, Meeting the Challenge in a Competitive World

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ABSTRACT

The Skaggs School of Pharmacy and Pharmaceutical Sciences (SSPPS) at the University of California, San Diego, recognized in 2012 that securing postgraduate pharmacy training became more challenging and competitive among well-qualified candidates.

Although accredited residency programs have continued to grow, they are more competitive with increased numbers of Pharm.D. graduates and applicants for residencies. In 2007, 900 candidates applied for 162 positions and by 2016, 5,656 candidates applied for 372 positions.

A gradual downturn in the percentage of SSPPS applicants obtaining residencies/fellows was observed from 2009 to 2012. Faculty responded by developing a focused postgraduate program, involving leaders in UC San Diego pharmacy residency and fellowship programs, as well as creating a website database.

The goal was to provide a timely, comprehensive, and structured program for students to prepare for postgraduate career and professional development. Prior to this program, presentations for career planning were available but not widely promoted or coordinated.

The new program provided an enhanced format which addressed students' future planning. Initially, the program included a series of presentations for the P-4 class, although over time the program has added new topics for all SSPPS residents.

The program includes topics and activities related to residency/fellowship and career planning, the Pharmacy Residency Application, fellowship workshops, career trends, curriculum vitae review, residency showcase workshops, interview techniques, mock interviews, and preparing for the match and postmatch process, and website resources.

Since the program inception, the percentage of UCSD SSPPS students entering residencies has returned to its highest levels. Student pharmacists have benefited from this structured program as they transition from their professional education to postgraduate training and professional opportunities.

• To provide a timely, comprehensive, and structured program for postgraduate career and professional development.
• To provide a structured program for postgraduate career and professional development.
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STATISTICS

National PGY1 Matching Statistics

PROGRAM SCHEDULE

Schedule of Post-Graduate Seminars and Events

Program Seminar #1
• General Overview of Post-Graduate Education – Dr. Charles Daniels
• Planning for Residencies – Dr. Kelly Lee
Program Seminar #2
• The Residency Application Process – Dr. Felix Yarn
• Introduction to PGY1/2 – Dr. Mariusz Lopatowski
Program Seminar #3
• Introductory Presentation – Dr. Mark Lopatowski
• Residency Showcase/Resident Q&A Panel/Workshops (event sponsored by SSPPS CS IP-UCSD)

PD-20-3 Introduction Seminar
• Planning for Residencies – Dr. Jennifer Namba
Program Seminar #5
• CV Review with Faculty and San Diego County Pharmacists Association (hosted by Drs. Sarah Lorantz and Sarah McDannel)
Program Seminar #6
• The Interviewing Process – Dr. Juan Toledo
Program Seminar #7
• Mock Interviews – Dr. Juan Toledo
Program Seminar #8
• Interviewing Tips – Dr. Brad Dolwell
Program Seminar #9
• Match Process/Preparation for Phase I and the Scrabble – Dr. Mariusz Lopatowski (event co-sponsored by SSPPS CS IP UCSD)

CONCLUSIONS

• The structured program used at UC San Diego Skaggs School of Pharmacy and Pharmaceutical Sciences has been a successful means to disseminate postgraduate residency fellowship training, and professional opportunities (event co-sponsored by SSPPS CS IP-UCSD).

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ACKNOWLEDGEMENTS

We thank the UC San Diego Skaggs School of Pharmacy faculty, residency directors, and preceptors for their participation and support for this program.
UCSD SSPPS
Post-Graduate Activity
Summary of Activity for Years 2006-2016

- Residency: 48%
- Fellowship: 3%
- Community Practice: 40%
- Institutional Practice: 5%
- Other: 4%
<table>
<thead>
<tr>
<th>Class Year</th>
<th># in Class</th>
<th># Residency</th>
<th># Fellowship</th>
<th># Community Practice</th>
<th># Institutional Practice</th>
<th># Other</th>
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<tbody>
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<td>12</td>
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<td>5</td>
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<td>18</td>
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<tr>
<td>2010</td>
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<td>25</td>
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<tr>
<td>2011</td>
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<td>25</td>
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<td>2016</td>
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<td>33</td>
<td>1</td>
<td>19</td>
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</tr>
</tbody>
</table>

| Total      | 529        | 254         | 17           | 211                  | 28                      | 19     |
| %          | 48%        | 3%          | 40%          | 5%                   | 4%                      |

Numbers only include positions immediately filled in the year of graduation. Some students have elected to begin residencies and fellowships, a year following graduation.
Current Students

Year-4 Students  https://pharmacy.ucsd.edu/current/year04.shtml

- CA Board of Pharmacy Intern Hour Affidavit
- Ten Simple Rules for Getting Published

Experiential Education

Program for Class of 2017 (Coming Soon)

- Schedule

Postgraduate Preparation

Program for Class of 2016

- Postgraduate Preparation Schedule
- Student Pharmacist Resource Guide
- Alumni Residency and Fellowship Programs
  - Presentations:
    - General Overview of Post-graduate Education by Dr. Charles Daniels, 7/21/15
    - Planning for Residencies by Dr. Kelly Lee, 7/21/15
    - Curriculum Vitae Review by Dr. Sarah Lorentz, 9/3/15
    - Fellowship Programs and Career Tracks by Dr. Joe Ma, 9/3/15
    - The Residency Application Process and PhORCAS by Dr. Marcie Lepkowsky, 9/17/15
    - Interview Pearls by Dr. Juan Toledo, 11/19/15
    - Match Phase I and Phase II Scramble by Dr. Marcie Lepkowsky, 02/28/16

Program for Class of 2015

- Interview Pearls, Dr. Juan Toledo, 12/16/14
- Post Grad Education Program Schedule Class of 2015
- Student Pharmacist Resource Guide for the Class of 2015
- List of sites where our alumni have done residencies and fellowships
  (Students can contact Kim Ciero for alumni contact information to inquire about program.)
- Overview of Postgraduate Training, Dr. Charles Daniels, 7/22/14
- Roadmap to Residency and Fellowship, Dr. Kelly Lee, 7/22/14
- CV Reviews, 8/26/14
Student Pharmacist Preparation Guide of Resources for
Post-Graduate Educational and Professional Opportunities

1. Presentations/Events at SSPPS (see schedule)

2. Why should I consider a post-graduate program?
   a. What is a residency?  
      http://www.youtube.com/watch?v=zfct0jPWSM

3. CV guidance
   a. UCSD SSPPS website
      i. Instructions:  http://pharmacy.ucsd.edu/current/docs/Student_CV_Instructions.pdf
      ii. Template:  http://pharmacy.ucsd.edu/current/docs/Student_Curriculum_Vitae_Template.pdf
      iii. Sample:  http://pharmacy.ucsd.edu/current/docs/Student_Curriculum_Vitae_Sample.pdf
   b. The Ohio State University-College of Pharmacy website
      i.  http://pharmacy.osu.edu/sites/default/files/forms/current-students/career-services/CSCVGuide%281%29.pdf

4. Career Guidance
   a. UCSD Career Service website:  http://career.ucsd.edu/
      i. Webcam mock interview
      ii. Write, Speak, Do Meet: Handbook Tools
      iii. See calendar of presentations
   b. UCSF Office of Career and Professional Development website
      http://career.ucsf.edu/pharmacy-students

5. American Society of Health System Pharmacists (ASHP)
   b. Residency directory:
   c. Midyear Clinical Meeting: National Showcases and residency related programming
      i. December 4-8, 2016 Las Vegas, Nevada
         http://www.ashp.org/mcm

6. California Society of Health System Pharmacists (CSHP)
   a. Seminar Meeting
      i. October 27-30, 2016, Anaheim, CA (Disneyland Hotel & Resort)
         http://seminar.cshp.org/
   b. Career Center
      http://www.cshp.org/page/JobOpenings
7. Research/Fellowship  (*not a comprehensive list of all fellowships available*)  
   a. UC San Diego & Millennium Health Post-doctoral Research Fellowship in Health Economics, Outcomes Research & Pharmacogenomics  
      http://pharmacy.ucsd.edu/research/fellowships/health-outcomes-pharmacogenomics.shtml  
   b. UC San Diego HRSA Geriatrics Workforce Enhancement Program  
      http://gwep.cloud.ucsd.edu/home  
   c. Rutgers Institute for Pharmaceutical Industry Fellowships  
      http://pharmafellows.rutgers.edu/  
   d. UCSD - Pfizer Clinical Oncology Fellowship  
      http://pharmacy.ucsd.edu/research/fellowships/pfizer_pharm_oncology.shtml  
   e. St. John’s University/Forest Research Institute Industrial Fellowship  
   f. Novo Nordisk 2-year Multidisciplinary Fellowship  
      Contact: Sabrina Lo, Pharm.D.  
   g. Novo Nordisk 1-year Medical Affairs Fellowship  
      Contact: Marni D. Lan, Pharm.D., MBA  

8. Program Directories  
   a. ACCP Directory of Residencies, Fellowships, and Graduate programs  
      http://www.accp.com/resandfel/  
   b. International Society for Pharmacoeconomics and Outcomes Research Directory  
      http://www.ispor.org/education/educationaldirectory_index.asp  

9. Books Available on Reserve at the UCSD Biomedical Library  
   a. ACCP Directory of Residencies, Fellowships and Graduate Programs  
   b. ACCP Guide to Becoming a Standout Pharmacy Residency Candidate  
   c. Get the Residency, ASHP Guide to Residency Interview and Preparation  
   d. Getting Started in a Pharmacy Residency, APHA  
   e. Securing and Excelling in a Pharmacy Residency  
   f. Roadmap to Postgraduate Training in Pharmacy  

10. Journal References  
   b. *Strategies for successfully navigating the pharmacy residency interview process* by Sarah L. Anderson, Pharm.D., BCPS  
   d. *Characteristics of the ideal postgraduate year 1 pharmacy practice residency candidate: a survey of residency program directors* by AL Gohlke, DB Ray, SY El-Ibiary, and JF Barletta.  
Post-Graduate Education Planning Resources

• Books available on reserve at the UCSD Biomedical Library:
  • ACCP Directory of Residencies, Fellowships and Graduate Programs
  • ACCP Guide to Becoming a Standout Pharmacy Residency Candidate
  • Get the Residency, ASHP Guide to Residency Interview and Preparation
  • Getting Started in a Pharmacy Residency
  • Securing and Excelling in a Pharmacy Residency
  • Roadmap to Postgraduate Training in Pharmacy
  • From Student to Pharmacist: Making The Transition
  • The Pharmacy Professional’s Guide to Resumes, CVs, & Interviewing
“Keep your eyes on the stars, and your feet on the ground.”
– Theodore Roosevelt
Any questions?

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Post-Graduate Education Series

- **General Overview of Post-graduate Education** - Dr. Charles Daniels
- **Planning for Residencies** - Dr. Kelly Lee
- **Fellowship Programs and Career Tracks** - Dr. Joe Ma
- **Panel of Former Fellows** - Dr. Joe Ma (facilitator)
- **CV Overview** - Dr. Sarah Lorentz
- **The Residency Application Process** - Dr. Felix Yam
- **Introduction to PhORCAS** - Dr. Marcie Lepkowsky
- **Residency Showcase/Resident Q&A Panel/Workshops**
  - This event is co-sponsored by SSPPS CSHP-UCSD Professional Affairs Committee
- **CV Review/CV Fest** - Drs. Sarah Lorentz and Sarah McBane
  - This event is co-sponsored by SDCPhA
- **The Interviewing Process** - Dr. Juan Toledo
- **Mock Interviews** - planned by Dr. Juan Toledo at SSPPS and UCSD Medical Centers
- **Interviewing Tips** - Dr. Brad Colwell
- **Preparing for Match and Scramble Process** - Dr. Marcie Lepkowsky
  - This event is sponsored CSHP-UCSD Professional Affairs Committee
Post-Graduate Education Series Overview

1. Identified faculty, preceptors, and pharmacists from community organizations with residency preceptor experience

2. Received support from student organizations and outreach from current residents and fellows

3. Established collection of current post-graduate planning books on reserve at Biomedical Library

4. Developed schedule for P-4 students with the support of class leaders

5. Created program website with calendar, PowerPoints, resources, and residency sites of alumni

6. Provided voluntary student program in early evening hours, after rotation for P-4 students

7. Communicated updates regarding program scheduling via emails from student leaders

8. Invited interested P-3 students to general overview program presentations

9. Added introductory talk for P-2 and P-3 students in the fall of each year