

# Regis University School of Pharmacy Colorado Presentation

4/29/24

Start time: 6:10 PM

End time: 7:10 PM

## Integrated Curriculum

- **Biomedical and pharmaceutical sciences**
  - Builds on prerequisites taken in undergrad + applies it to drugs
  - Formulation of drugs (e.g. why can't we turn insulin into a tablet?)
- **Clinical sciences**
  - Bulk of PharmD
  - How drug-drug interactions work
  - What to look for when starting patient on a new drug
  - Early side effects that can occur
- **Social and administrative sciences**
  - Why pharmacy degree has a lot of rep compared to other health professions
  - How to counsel patient on how to take medications
- **12 integrated pharmacotherapy courses**
  - Take one disease state at a time
  - EX: start with cardiology → medicinal chemistry → pharmacology

## Team-Based Learning (TBL) Pedagogy

- Different from traditional classroom
- Study material on your own *prior* to coming to classroom
- During class time: apply material learned to real case situations
  - More interactive + engaged in learning process
- Gain communication skills with peers + patients
- Become better at problem-solving and critical thinking

## Individualize PharmD (3 & 4 year pathways)

- One of only 2 programs in country that allow students to complete PharmD in 3/4 years
- Make decision at end of first year of program (P1 spring semester)
  - Can assess whether you can handle rigor of curriculum or not
- Exact same curriculum (3-year pathway just don't get summers off)
- **Advantages of 3-year pathway**
  - Graduate one year sooner so less housing cost + start working earlier
    - Can start paying off student debts earlier

- Use extra year for fellowship/residency
- **Advantages of 4-year pathway**
  - Go through program at slower pace
  - Use summer to recharge or participate in other extracurriculars

	Fall 24	Spring 25	Summer 25	Fall 25	Spring 26	Summer 26	Fall 26	Spring 27	Summer 27	Fall 27	Spring 28
4 year program	✓	✓		✓	✓		✓	✓	Clinical Rotations (APPEs)		
3 year program	✓	✓	✓	✓	✓	✓	Clinical Rotations (APPEs)				

### Clinical Rotations (IPPEs & APPEs)

- Can do rotations in non-traditional settings / out of state
  - More experience in different settings ⇒ get exposure to new areas
- Rotation sites include:
  - Hospitals (HealthOne, CommonSpirit, Intermountain Advent, Denver Health)
  - Specialty (VA, Children's, Psych, Oncology, USP, Nuclear)
  - Industry partners (Pfizer, J&J, Az)
  - Public health (FDA & CDC)
  - Indian health services, FBP, CVS, Walgreens, Kroger
  - AmCare clinics (Kaiser, Craig Hospital, PharmCare)
  - Independent (Genoa, Belmar, compounding)
  - International opportunities
  - Out of state
- NOTE: #1 thing that helps matching with residency = strong LOR from faculty member + mentor through IPPEs/APPEs

### Versatility of a PharmD Degree

- So many different things you can do with a PharmD degree compared to other health professions!
  - EX: become dentist ⇒ spend next 40 years working on people's teeth
  - Day in the life of a retail pharmacist is *completely* different from hospital pharmacist or oncology pharmacist
- 4 different areas of becoming a pharmacist:
  1. **Community pharmacy** (50% of Regis graduates)
    - Chain pharmacist
    - Independent owner

- District manager
- First stop for patient because easily accessible
  - Can easily help patient with their health concerns
- 2. **Health Systems Pharmacy** (25-30% of Regis graduates)
  - Pharmacy Director
  - Oncology pharmacist
  - Cardiology pharmacist
  - Infectious disease pharmacist
  - NOTE: can work as hospital pharmacist with PharmD alone
    - It's recommended to complete at least 1 year of residency!
- 3. **Industry**
  - MSL
  - Clinical trials, reg affairs
  - Pharmacoeconomics
  - VP of Medical Affairs
    - Start with \$125k-150k salary
    - No limit to salary
  - Takes \$1.5 billion for a drug to move from discovery phase to market
- 4. **Others**
  - FDA, CDC, BOP, HRSA, HIS, NIH, USPHS
  - Academia
  - Informatics, technology

### **Dual Degrees & Certificate Options**

- Master of Business Administration (MBA)
  - Only need to take 7 additional classes because some PharmD/MBA electives count towards each other
- Master of Science in:
  - Health Services Administration (MS HSA)
  - Health Informatics
- Certificates in:
  - Pharmaceutical Industry Affairs
  - Health Informatics
  - Health Care Quality & Patient Safety
  - Healthcare Business Management
  - NOTE: only need to take 1 additional course to get certificate along with PharmD

## Regis Advantage

- Service; care for the whole person
- Private school education at a public tuition cost ⇒ graduate with less debt
- \$75,000 scholarship brings total tuition for *entire* PharmD program to under \$100k
  - Only applies for students matriculating into Fall 2024!
  - Big increase this year (previous scholarships offered were \$10k, \$20k)

## Q&A Session

- 1. What is the residency match rate for this year?**
  - 90% for residency match rate (increased from last year)
- 2. How does applying to residencies work?**
  - Use another program separate from PharmCAS to apply for residency
  - Apply in November during last year of program
    - EX: if in 3rd year program: apply in November of 3rd year
  - Rank 5-6 residencies of your choice & residencies rank you from 1 to 5
  - Student gets matched with residency program using technology
- 3. Is there additional out-of-state tuition?**
  - Both Colorado residents and out-of-state residents pay \$99,000 in total for the entire program!
- 4. How does the \$75,000 scholarship work?**
  - Scholarship is divided throughout the entirety of the program
  - EX: 3-year program = \$25k applied to 1st year, 2nd year, and 3rd year each
- 5. Is there a difference in tuition between the 3-year and 4-year programs?**
  - No! both the 3-year + 4-year pathway have the exact same tuition
    - \$99,000 in total
  - NOTE: 4th year tuition in 4-year pathway costs a little more than other years (because taking more units) but still \$99,000 overall
- 6. What is the passing rate for the NAPLEX exam?**
  - 79% (higher than national average)
- 7. What is the acceptance rate?**
  - Decent GPA of 3.0 + good interview ⇒ almost guaranteed into program
  - Smaller applicant pool in past few years so closer to 80% (rough estimate)

## Contact Info

- **Samit Shah** (Dean & Professor)
- Email: [sshah002@regis.edu](mailto:sshah002@regis.edu)
  - Can ask for PharmCAS code if thinking of applying to Regis!