Showcasing Future Leaders in Pharmacy

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Kendra's Journey: October – Advancing Biopharmaceutical Innovation

Introduction:

October marked a pivotal chapter in my professional journey as I embarked on an enriching rotation at <u>Genentech</u>, a global leader in biopharmaceutical innovation. This transformative experience offered me an insider's view into the intricacies of drug development, expanding my perspective and deepening my understanding of the pharmaceutical industry.

APPE Rotation Insights: Genentech

During my rotation with the Clinical Pharmacology department at Genentech, I immersed myself in the critical processes of drug dosing and clinical trial design.

- **Key Experiences:** I undertook training in R programming and Population Pharmacokinetics (PopPK), essential for interpreting and conducting clinical pharmacology studies. These skills have equipped me to contribute meaningfully to data-driven strategies for drug development.
- **Project Highlight:** My primary focus revolved around the regulatory considerations of pharmacokinetic (PK) studies for drug-device combination (DDC) transitions, particularly involving monoclonal antibodies. This work led to the submission of an abstract for an upcoming conference, with plans to present findings this spring.

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 Mentorship: Under the guidance of <u>Dr. Joseph Chen</u>, Clinical Pharmacology Lead at Genentech and a highly experienced preceptor, I refined my technical knowledge and gained invaluable career insights, setting a strong foundation for navigating the biopharmaceutical industry.

Reflection:

"Dr. Chen's mentorship shaped my understanding of this field. His expertise and guidance gave me a technical understanding and strategic career advice, crucial to my growth during this rotation."

Internship Highlights: VS Health Group:

Alongside my rotation, my ongoing work at <u>VS Health Group</u> reinforced my analytical and strategic thinking, which proved invaluable during my Genentech experience.

Professional Development and Growth:

Engaging with professionals across disciplines during my rotation at Genentech greatly enhanced my professional growth.

- Networking: I connected with colleagues from diverse backgrounds, gaining insights into potential career paths and broadening my professional network.
- Skill Development: Working in a collaborative and dynamic environment sharpened my communication and interprofessional collaboration skills.

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 Building Community: Despite the complexity of a large organization, I prioritized building meaningful relationships, which enriched my overall experience.

Reflection:

"Engaging with professionals outside my comfort zone not only expanded my knowledge of potential career pathways but also underscored the importance of building a supportive professional community."

Key Learnings and Takeaways:

- The process of drug development is an intricate and highly collaborative endeavor requiring meticulous planning and execution.
- Strong mentorship is invaluable in navigating complex environments and fostering both personal and professional growth.
- Networking and relationship-building are essential skills for thriving within large organizations and uncovering unexpected opportunities.
- Pharmacists play a vital role in the development and regulation of innovative therapies, offering expertise that spans clinical, regulatory, and strategic domains.

Looking Ahead:

My next rotation will take place in specialty pharmacy at <u>Hennepin</u> <u>Healthcare</u>, where I look forward to advancing my clinical expertise in biologics, immunomodulators, and other high-cost medications. In this upcoming experience, I hope to refine my skills further and broaden my understanding of specialty pharmacy practice.

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Conclusion:

My experience at Genentech was transformative, reinforcing my passion for the intersection of science, strategy, and patient care. As I reflect on this chapter of my journey, I am motivated to continue exploring and contributing to the advancement of innovative healthcare solutions.

