

# Student



# Spotlights

UCSF School of Pharmacy

ASSP | SPRING 2017



## *A note from the Editors:*

The *Therapeutic Window* editors bring you the 2nd issue of the ASSP feature, *Student Spotlights*. As our last published feature before we retire as *Therapeutic Window* editors, we hope you enjoy this last publication. We have both had an amazing year editing and starting this new feature for all of you, and we will miss serving the student body. Thank you to the pharmacy students and faculty for their support as well as our amazing board. We look forward to transitioning the *Student Spotlights* and *Therapeutic Window* to Nikki Oragwam and wish her the best of luck. We look forward to her and the new board's work! —Annie (Channie) and Evelyn



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By Evelyn Coria & Annie Chang

# P1 Spotlight: Michelle Bretschneider



**Q: Where did you go to school for undergrad and where are you originally from? What brought you here?**

A: I'm originally from San Martin, this little town north of Gilroy, but I went to UC Santa Cruz for undergrad and majored in molecular cellular developmental biology. It's a fancy way of saying cellular bio, and this is what I focused on because I just didn't want to do environmental sciences. I liked cells. I liked the nitty gritty of that section of biology. I did a little bit of chemistry as well and found that I really liked it. Once I graduated as a fifth year, I moved down to San Diego to live with my boyfriend. He worked at a biopharmaceutical company while I was working as a DNA sequencer. I then became a tech for a little bit, and then we moved back up to the bay where I worked at Genentech as a case manager. That was while I was applying to colleges. The three jobs were over a two-year time span.

**Q: Did your jobs help you choose pharmacy or narrow down to that at all?**

A: No. I decided I wanted to become a pharmacist when I was a sophomore in college. Fall quarter sophomore year I had a meet and greet dinner with the lead pharmacist on my campus health center, and she had really inspired me to go into the profession and delve into what I can do. Luckily, I had an academic advisor in my sorority who was very proactive about making sure if you had even an inkling of what you wanted to do, she would give you all of the information about that profession, so I had a giant pamphlet of booklets she gave me about pharmacy. This was just amazing, and I figured I could never get bored of it.

**Q: You mentioned that you worked at Genentech. Was that pharmacy related at all?**

A: In a way it was pharmacy related because I was working on specific medications and helping patients get access to those medications. We took a patient's enrollment and determined

what their coverage was. For example, I worked on an idiopathic pulmonary fibrosis medication and that medication is \$94,000 per year based on the regular dosing guidelines. That's not affordable for the general population, and most people who get IPF are elderly. If you are on Medicare, it's not affordable, so there was a program that allowed them to get their copayments covered through an outside resource, and Genentech also had its own internal resource to help patients. I got really intimate with a couple of medications. This did sort of direct my path to managed care and go down the managed care route because I discovered that I really wanted to do what I did at Genentech. I never would have not come to pharmacy school, but it was the hardest decision that I made to come to pharmacy school once I had gotten in because it meant that I was leaving my job at Genentech, which I just loved.

**Q: How did you find this job?**

A: I was contracted out of the blue by an Aerotek recruiter who was like "Hey! I see your undergrad sorority on your resume", and I was in a pre-health academic sorority in my undergrad. She saw it on my resume, and I wasn't even applying to jobs in northern California at the time. I had no idea, I wasn't looking to move, and everything just fell into place. I interviewed, got the job, and moved up here. We switched, where I was supporting my boyfriend here because I got a salary bump, and he followed me to stay together throughout the process. It was interesting to get that interview experience right before.

**Q: You mentioned that you're interested in managed care. Are you interested in other fields as well or is that probably the path you're going down?**

A: That's probably the path I'm going down, but there's always room for change. I'm always the first person to say you can never 100% stick yourself to one decision because if it's a lengthy decision you might not be the same person in two or three years. There are things that change you and change your path. I am pretty sure about managed care, and Ferrone's law class actually made me really interested in the legal side of pharmacy, potentially going to work for the state and developing legislation. It's something that I might be interested in. I definitely joked with my friends that I would 100% get my JD if it was something that was convenient to do in the future after I paid off my pharmacy school loans. If I went down that path, I would not want to take on more loans and more school again.

**Q: You've been in pharmacy school for a quarter now. What do you think about pharmacy school so far? Is it what you expected? What surprises have you had, if any?**





A: It's interesting because I had a student at a different school who is a P1 tell me that pharmacy school would be the hardest thing I would ever do, and this was during my interview process. While it's incredibly difficult, I wouldn't say it's the hardest thing I've ever done. The school aspect is really amazing. Having your classes hinge towards something that you actually want to do, something that's actually interesting, for example biochemistry, actually talking about medications and their mechanisms of action versus general biochemistry and memorizing the Krebs cycle and fitting 20 chapters into one midterm. It was a total 180 from what undergrad was, where you're interested in the classes, but they might not go into the most interesting parts. I feel like the hard part has been transitioning and getting back into time management. I'm learning to get back into it and redo the whole planner thing. I think that has been the most surprising thing; it's realizing what I've forgotten and realizing what's the same and what's different from undergrad because there is so much that's different. I wasn't expecting the support. It was mind blowing, and everyone's always like pharmily, pharmily. That's a cute name. Now, a quarter into it, I get it. We are a pharmily.

**Q: What hobbies and interests do you have outside of pharmacy?**

I'm a homebody. I like to hang out with my boyfriend, which mostly involves playing video games and when we can, playing with our cats which currently live at my parent's house because our landlord doesn't allow cats here. I watch a lot of Netflix, and recently my boyfriend, Charles, has recently gotten back into Dragon Ball. He had stopped watching in high school and didn't realize it continued, so he re-watched that, and I didn't have TV growing up. When I told him I had never seen any Dragon Ball other than a few spare things that I watched at my grandma's house, he was like "ok we're going to start from the beginning." He slowly is having me watch through the original Dragon Ball, which is fun because I get to pretend that I'm 5 years old. That's what makes it better than when Pokémon Go

came up and I rewatched it, but I couldn't get past the first five episodes because Ash pissed me off so much. He's a ten year old, but for Dragon Ball I stuck with it and actually watched all of it because it's more than just a naïve ten year old's perspective. It's funny from an adult's perspective.

**Q: What is a fun fact about you that your classmates probably don't know about?**

A: I was bitten by a raccoon and had to get rabies shots my sophomore year of college. The day you get the shots is one in each thigh and one in each arm, so four the day of. Every week for 7 weeks, you come in for another booster shot on the arm, which really sucked because I had Kaiser, and I went to Santa Cruz. There are no Kaisers in Santa Cruz, so I had to drive over the hill once a week every week, which was nothing compared to when I had to do that for physical therapy twice a week when I messed up my knees. I decided to feed a raccoon, which is incredibly stupid, and I love raccoons so much. I have come to the mature realization that it's really stupid to feed wild animals, but I still have no regrets. We're feeding the bits of pizza to the raccoons, and one comes up and is very politely taking it out of my hands. I would hold and pinch a piece, and it would clap around my pinch until I let go and then take it and eat it. I was only feeding that one, but another one that I had been feeding comes up and was like dude you're ignoring me and as a warning bite, it nipped my hand and broke the skin. I was very nervous about it, so had to get driven over the hill to go get midnight rabies shots. I volunteered at an animal shelter in undergrad after that, and the big joke was always "it's okay if I walk a dog that's a little upset, but I've had my shots so we're good because the shots are good for three years."

**Q: If you weren't pursuing pharmacy, what would you be doing?**

A: I'd want to go into administration of some sort. That has always been something at the back of my mind. If I change careers, I'd want to do administration or management of some sort. I like organization, planning, and hosting events. If that was my entire job, it'd be really fun. Doing something in crafting or planning events would be fun. To be paid to do something cute would be the dream. I had this idea before I saw Seinfeld, the muffin top. My bakery was going to be "Top of the Muffin to You." I was going to make special pans that would only have a quarter of an inch room at the bottom and then you would puff up huge muffin tops, so that you only have muffin tops, so it's literally the best part of the muffin. You would have the tiny muffin and then the giant muffin top tipping its hat saying top of the muffin to you. I thought it through, and I didn't watch Seinfeld until I was 23. Then I realized I had been telling everyone this idea that I had, and they were thinking I was just ripping off of Seinfeld.

# P2 Spotlight: Jung Kye

**Q: Tell us where you're from, where you went to undergrad, and how/why you decided to come to UCSF.**

A: I'm from South Korea originally and first moved here to San Francisco when I was 14 because all of my cousins are here. My mom decided to move us to Cupertino because she wanted me to study hard. Then, for undergraduate, I went to Davis, and my major was biotechnology. After that, I took two gap years and worked up until pharmacy school. At first, I thought I wasn't good enough for pharmacy school, so I ended up applying to 15 pharmacy schools. I even took the PCAT and applied really broadly, even to out of state schools. I wasn't planning on applying to UCSF because I thought there were a lot of essay questions, and I thought I wasn't good enough. At the last minute, I decided to give it a shot. The reason why I chose UCSF was because of the diversity and because it was the number one school, and I realized that the SF area provides a lot of diversity and is also close to my home. My parents moved to Palo Alto, and I wanted to stay close. If I was going to become a pharmacist, I wanted to study at the best school that would provide the best education and hands on experience, such as with the APPEs.

**Q: What did you do during your gap years?**

A: I worked. The first year I got a job as a technician at Walgreens, and I was working full time. I was also taking classes, so I reduced my work hours. The first year I took anatomy, took the PCAT, and prepared for my applications, and the second year I was working and trying to make some money to save.

**Q: Did you know early on that you wanted to go into pharmacy or was it something that popped up later?**

A: I figured it out after I finished undergraduate. I always wanted to do something healthcare related but wasn't sure what. I realized after getting a job as a pharmacy technician that pharmacy might be a good choice because I love interacting with patients, and even though it was just community pharmacy, I still enjoyed it. A lot of people say they hate direct communication and direct contact with the patient, but I didn't actually mind. I changed my mind about retail



pharmacy later on though. I thought retail was okay for my job in the future, but it was really physically demanding. I was standing all day, and I noticed that my back and legs started to hurt, so I wanted to do something else besides community pharmacy even though I love interacting with patients.

**Q: What area interests you?**

A: I'm interested in inpatient. I haven't been in the inpatient setting because I work at a community pharmacy, so I'm waiting until I have a rotation to see what it's like. For now, I'm interested in inpa-

tient because community pharmacy is kind of a repetitive job.

**Q: You like to go to the gym and play basketball. Do you have any other hobbies? What do you like to do outside of school?**

A: Outside of school, I love exercising. I love to go to the gym, and I go every single day. Right now even though it's P2 year, I still go to the gym everyday. I skip a lot of classes, so I have a lot of time. I study at night, so during the day I'm free. I just watch TV, exercise, and sometimes play basketball. Then last year, I broke my tooth during 4th of July weekend. After that, I stopped playing, and I'm still not playing right now. I need to get a mouth guard because my parents got upset, especially my mom. My girlfriend got upset too, and they banned me from playing basketball. I'm planning to invest in a mouth guard, and maybe I'll start playing after winter quarter therapeutics.

**Q: How did you break your tooth?**

A: I got elbowed because I play aggressively. I was defending this guy. He was driving in, and his offense pushed me away, but it was in my face, so I got elbowed in the face. After the hit, it wasn't hurting or anything and no blood was there, but it felt really empty. I kind of realized that something happened here, but I didn't know what it was exactly. I felt the wind blowing through the gap, and there was a sharp pain but it wasn't too bad because I was playing, and there was all the adrenaline, so it didn't really hurt. My friends were helping me get up, and then they looked at my face. The tooth was gone. I took a selfie too. Everybody was looking for my tooth,

and we found it. During CP we learned that you have to put the tooth in milk so I went to the nearby grocery store, bought milk, and put it in there, but it was 4th of July weekend, so everything was closed. I even came to school, but it was closed. I called around to 20 different dental offices, and luckily, I knew some friends in the dental program. They found one place that was open, so I had to get the emergency procedure, but you can't do anything with a chipped tooth. It has to be pulled out. I had to put a fake one for a month until school was over, and then during the break, they had to carve my leftover tooth into a really pointy shape like a little animal tooth, and then they put the crown on.

**Q: Besides basketball and gyming, do you watch any TV shows, movies, or anything?**

A: I watch some Korean TV shows. Most of the time I watch Youtube and watch videos in gaming, board games, and working out. Sometimes I watch people eating. In Korea, there are a lot of people who broadcast what they're eating, and it's crazy amounts. It's the thing in Korea right now. They order like 5 pizzas, and they just eat everything in front of the camera, and people actually enjoy watching that. These people are really skinny and never get fat. I watch a lot of food challenges, and I kind of want to try it, but I've never tried it. My favorite show was The Office, and I think I've watched it three times. I actually watch things once they're over, so I can just keep watching it, so I also watched Breaking Bad.

**Q: Do you watch Korean dramas?**

A: I don't really watch Korean dramas, but I watch Korean comedy programs. Usually before I go to bed, I turn it on and I always have to have some sort of Youtube video on, so I fall asleep. I can't just go to bed. I need some sort of background noise. It takes me at least half an hour, so I need something to watch. Sometimes my laptop ends up on the floor. If you see my laptop, the screws are

out and everything is damaged.

**Q: Do you have a dream job?**

A: I wanted to be an NBA player because basketball was my passion. When I first came to the states, I spoke no English at all. The only thing I could say was 'Hi my name is Jung'. That's all. I started playing basketball after school with my cousins, and then as I was playing some guys would ask us to join and play pickup games. I became friends with them, and also I started to play during lunchtime at school, and I made a lot of friends. They helped me to pick up English, learn faster, and make a lot of friends.

**Q: Did you just pick up English then?**

A: When I was in San Francisco, there were no Koreans in my school, so I couldn't get any help. I was failing all my classes and getting D's in everything except for math. As I made friends, they really helped me to understand my homework. One of my friends would ask me to come to school in the morning and help me out in the morning, so with other people I was reading books and would do some work. I didn't know any English, so one day I was playing basketball, and some girls came to me and said something that I didn't understand. All I heard was 'flash', 'can you flash?' Back then I thought flash was taking a picture, so I said okay. Then they just laughed and walked away. The next day I told my friends that, and they explained what flash was. Also, in San Francisco there are lots of sea gulls. During lunchtime, I was playing basketball with my friends, and I put my backpack on the sidewalk, and there are usually lots of bird droppings. One time they were really bad so I had to clean it up, so I went to class late. The teacher asked me "Why are you late? You should be here on time." I said, "The bird s\*\*\* on my backpack." She laughed, so I didn't get in trouble, and everyone knew I didn't know English. Everybody was laughing, and I just didn't know what was going on. A lot of things happened because of my English.

**Q: Do you miss Korea?**

A: I do because a lot of my friends were Koreans and fobs. They all went back to Korea because of the military or family since they were all international students. I haven't actually been to Korea in the past ten years, so I don't know what it's like to be in Korea right now. I was so young when I was there that last time, so I would just do the same things that I would do normally here, but now if I went, I could drink together with my friends. I could experience Korean culture, so I miss it.

**Q: What is a fun fact about you that most people don't know?**

A: Even though I grew up in the Bay Area, I'm a big fan of the Lakers. When we first moved here, I played basketball since I couldn't speak English, and I stayed home and watched Spongebob with the captions on. One of my older cousins was really into basketball, and we watched it together. I didn't know any rules or any players, but there were three famous players back then: Allen Iverson, Kobe Bryant, and McGrady. One of my cousins loved Allen Iverson. The other loved Tracy McGrady, so my option was Kobe Bryant. Those three were all really good; they were the superstars, so I had to go with Kobe Bryant. I started buying his jerseys. It was a good choice because McGrady got injured, and Allen Iverson doesn't practice. I became a fan of the Lakers, and even for the college applications I wrote about Kobe Bryant being my hero because he helped me go through the struggles that I experienced in the states. Basketball helped me make friends and learn English. I felt bad though because his last game was the same day as the Warriors' game. I was in LA, and we went to a restaurant, and they were playing the Lakers' and Warriors' games at the same time, but I only focused on the Warriors' game. After the Warriors' secured its third win, I left, but then I realized later that it was Kobe's biggest game since he scored 60 points.



# P3 Spotlight: Michelle Chatley

**Q: Tell us about where you're from and where you went for undergrad.**

A: I was born in Pennsylvania. My family is from the east coast, and we've been living in California for the past 15 years in a small town, San Juan Bautista. I usually start by saying Gilroy, because they have the garlic festival, or San Jose. It's kind of like a triangle with Gilroy, San Jose, Santa Cruz, and San Juan Bautista is right in the middle. I went to UC Davis for undergrad, which I loved. I'm so happy that I'll be going back for rotations, and even though it's more the Sacramento area, it is still nearby. Also, I was a biology major, and I did not take a break off between undergrad and pharmacy school.

**Q: Why did you choose pharmacy? Why UCSF?**

All of the women in my family are nurses, so I had always thought about leaning towards that route. My mom is an ICU nurse at a really small hospital and my dad is a mechanical engineer, so I leaned toward the sciences. I was in undergrad and I don't exactly remember when, but someone brought up pharmacy. I had never thought about it before. When you think about the medical field you think of medical school and no one really thinks of pharmacy or dentistry, or the other branches. I went with that and joined the pre-pharmacy club. I didn't really do much with that, but as I got closer and closer to my senior year I decided I wanted to do this. I took the PCAT, took a plunge, and thankfully it has worked out so far. I had always been interested in how drugs work and that interaction in the medical field. I also loved being a biology major. I took AP biology in high school and had an amazing teacher, and then I loved all my biology courses like anatomy and physiology at Davis so I kind of fell into it. I have a lot of family in the east coast, so I thought it would be a great opportunity to go out of state. I applied to all out of state schools, and applied to UCSF on a whim, thinking, I have a sister who lives in San Francisco, and my family is close. They were the last ones to accept me, and as soon as I saw it, I thought, how could I not? Up until I got the letter, I thought I was going to go back to New York. My parents are from Buffalo and I thought I was going to go to the other side of the country, but it worked out. I think to this moment people are still shocked that we get in. It was that same reaction when I got the acceptance, I could not turn this down. I think we all recognize that

we're here for a reason, but you get that feeling of, what am I doing here?

**Q: Is pharmacy school like what you expected?**

A: It is and it isn't. In undergrad it was more of a competition, but here I feel like we have more of a family atmosphere, with everyone sharing study guides and resources. It's definitely hard work at times, especially when you get to the therapeutics series, but it is different from undergrad and other college experiences. Since I didn't come in knowing a whole lot about pharmacy, whereas a lot of my classmates had already worked or had done research, they came in with a little more understanding compared to me. The classes that we're taking make sense, and there are all of the classes that focus on helping us become drug experts, setting us up to be productive and efficient.

**Q: What area of pharmacy interests you? Why?**

A: I'm trying to keep an open mind when I go off to rotations. I work at CVS inside Target right now. I did an internship the summer after my first year and then just stayed on. I honestly didn't see community or retail pharmacy as an option, but after working there I see how these people make a difference, they interact so much with their patients, they make good money, and the people are nice, so it's an option. I'm going to be doing a lot of clinical rotations during APPEs. I definitely want to do an Emergency Department rotation, oncology, medical ICU--I have an inclination toward the clinical setting, but I'm trying to keep an open mind. You never know. There's so many different areas that I didn't know existed. There are so many options that I think you can never get bored with pharmacy.



**Q: What hobbies/interests/passions do you have outside of pharmacy?**

A: Hobbies are always hard because there's so little time for them. I have lately been on a bit of a travel kick. This past summer I did a big trip to Europe with my two sisters. We did three weeks all over Europe and it was just so much fun navigating and eating—that was the highlight. As soon as I got back from that, I went to Iceland with a few of my classmates. I was literally back in orientation when they said they were booking tickets. I thought to myself, can I afford this, and am I up for it? Then I thought, when else am I going to go? So I did it. Iceland was so fun because it was such a good group of people. Seeing the sights and eating were definitely the highlights.

During school, my favorite study breaks are when I binge-

watch shows on Netflix, or easy stuff like that. I do try to be active, so when I had more time during P1 and P2 year I did intramural futsal. I also try to explore the city because I think it's such a great opportunity for us to be here. It can be pricey, so I definitely use my lifeline pass on the bus all the time. It's nice to get into the different neighborhoods and try something new, or go to happy hour. Lately the mission is my favorite district. Every month my friends from Davis and I

try to get together because they're all generally in the bay area. I don't know where, but we recently got sangria and tapas, and they were so good. I like to try different restaurants throughout the city too.

I live near Land's End, so I try to go there as well as to Golden Gate Park. This is going to sound really weird, but I like to walk by the dog park. I don't have a dog, but I like to walk by and see the dogs from outside of the park. I'm not a big library studier--I study in bed a lot, which can be dangerous. It's nice to have breaks and go outside.

I also like to cook when I have time. I don't have a big kitchen, but I like to bake things like brownies and cookies from scratch. Post-midterms the first thing I'll do is clean my

room and then make something. Something that people think is really difficult to make is crème brûlée. It sounds difficult, but is actually super simple to make, you just get to torch the top. I even have a little torch at home that I use. I love to cook and eat when I have time. Lately I've been into making a chorizo pasta because it's relatively easy to make. I like to make easy stuff, nothing too advanced.

**Q: What is a fun fact most students do not know about you?**

A: It's been a couple of years now, but I've done kiteboarding with my dad. We took lessons and it's been a while since I've done it, but you can see people on surfboards with kites on ocean beach. It's a little scary, and when we first learned I felt like I could definitely be picked up and killed if there was a big gust of wind. Some people do it on

ocean beach, but a lot of people do it on lakes too since it's less windy. We go out to North Carolina every year—my family has been going for about 30 years now. I can't go this year because of rotations, but they rent a beach house and my dad windsurfs, we took up kiteboarding, we eat—it's my ideal vacation. We go with our immediate family and neighbors that my parents had when they lived in Maryland over 25 years ago. It's our family and their family.

As the kids have gotten older and married with kids the group has grown. I'm sad I'll miss it this year, but I'll go next year.

**Q: If you weren't pursuing pharmacy, what would you be doing?**

A: My sisters and I definitely thought that if all of our careers failed, we'd open up a bakery. I don't know how good we would be, or how realistic it is, but my sister is in sales, and she went to business school, so she would do the business end. I would do the baking. My younger sister is a math major right now, so I don't know exactly what you would do with that, but she has options and she'd be a part of it too. The game plan would be to own a bakery, and to have fun with it. It would definitely be something less stressful.





# P4 Spotlight: Jennifer Phun

## Q: Where did you grow up and go to undergrad?

A: I grew up in one of the little cities in Los Angeles, called El Sereno. It's actually not very serene, per the name. My mother worked really hard to get us out of there, so I went to high school in Temple City, which is Arcadia's poorer sister. In terms of undergrad, I went to UC San Diego, and I did my master's there as well. After my master's I moved back to Los Angeles because my mom had cancer and I wanted to be with her, and found a science job at UCLA. From there, I realized that science wasn't really my path.

I originally wanted to get a PhD. I thought it would be great to have my own lab because it would be called the Phun Lab. I really liked science, but

I think that after my mom's cancer situation I realized that to see the extent of my research's impact, I would have to wait 20-30 years. I realized that healthcare was the way to go, and that is what brought me to UCSF. It is a big, west coast, UC school. Also, I think everyone needs to live in a big city for once in their life to really know what it's like.

## Q: Why did you choose pharmacy? Why UCSF?

A: My old post-doc at UCLA actually went on to work at Genentech as a medical science liaison and told me, 'You know, we love pharmacists. You should consider pharmacy.' That is actually what brought pharmacy into my head. I didn't really know much about it besides your run-of-the-mill Walgreens and CVS. I looked into it once she told me it was very clinical and that there were a lot of opportunities for careers outside of community phar-

knew was how to do research, read papers, and do wet lab techniques. It was very different coming to pharmacy school because I'm very scientific-minded. You don't think about the patients when you're on the bench. That is why I didn't go the Pharm Sci route, I already know research.

## Q: How has pharmacy school made you grow/what have you learned?

A: Pharmacy school has made me a stronger person overall because it works you very hard, and pushes you to your limits, to the point to where you think you can't handle it, but somehow you make it through. That's basically what pharmacy school does, it makes you a stronger person. I feel

like being stronger you are more impactful because you speak more confidently and you do everything thinking, I'm confident in my decision and everything that has led up to it. I think the training you get here is valuable and makes you think better so you can be confident in what you do.

## Q: What area of pharmacy interests you? Why?

A: Right before pharmacy it was basically all sciences. I did lung cancer research, molecular cell biology research, and then moved into diabetes and metabolism. All I

A: Being in the HESPR pathway has





opened up my mindset. It is not just straight clinical; you look at health systems as a whole. I've had industry, in-patient and community experience, so I have all sorts of views of pharmacy. In the future I would possibly like to go into industry. I do not think that managed care will be my route by any means. I do like what they do, but industry possibly in the future. I was initially sparked to go to pharmacy school because of the aspect of industry. It is something in the future, but I did not want to pursue it straight out, because here we are, suffering, learning so much, and I don't want to just lose it. I still want to be someone who my relatives and anyone can talk to about their health conditions if they have any questions.

**Q: What is an accomplishment that you are very proud of, but that you do not normally have the opportunity to share?**

A: There have been a lot of accomplishments at UCSF that I don't really talk about. I think my HESPR project is one of them, and I think another is the project that I did as part of the High Cost Oncology Drug initiative, which is a Chancellor's initiative at UCSF. Their goal is to find ways to help reduce financial toxicity. My research project was largely discovery. We had no idea what's going on in the system and had to do process improvement types of stuff. We did interviews with a lot of the impactful people within the oncology realm at UCSF for the project. My contribution was to do some of the interviews, but also to shadow and look in the background and create a workflow

map to depict how the clinics were flowing and who did what. You have to be very personable and ask people who else you should talk to and then be able to go and talk to those people.

In the end I created a lot of workflow maps for the different oncology clinics and found potential places where we can intervene and optimize the workflow so that any changes that are made can be implemented at the different clinics. This way patients won't be spending so much money on their medicines and running out because oncology drugs and care are very expensive. Even if it's too expensive for patients to pay for their medications the hospital (UCSF) doesn't get paid because the patients can declare bankruptcy. Within my project I presented all of this to the team and the pharmacy manager for the oncology clinic said to me, "I can use this to increase the amount FTEs for pharmacists because I have proof now that this is going on. I can step in and make jobs for more pharmacists." So here we're helping patients but also helping pharmacy as a whole. I thought that was a very big project that I am very relieved to have finished. It was weighing me down, but it was a great experience because you get to learn how to talk to people and how to do and create these maps that are kind of decision analysis maps that help you decide what to do next. It changes the way you think but also helps the system as a whole.

**Q: If you weren't pursuing pharmacy, what would you be doing?**

A: I have thought about this. I would be in technology because I used to code my own websites when I was 12 and 13. I like to make my own things on Photoshop and make my own backgrounds. I think I would be good at it because I'm really good with details, I type extremely fast, and I love technology and innovation. I did a health technology innovation elective and I loved it. I went to their big meeting and conference downtown and got to see all the apps and all the cool stuff. I even picked my HESPR project because it's very innovative and technology-centric. I love stuff like that, and that is where I would have been if I wasn't doing pharmacy. I have thought about taking coding classes, and will probably still do that at some point.

