

Kristina Rodrigues

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EDUCATION

White Station High School: High School Diploma **2017**

University of Texas at Austin (CNS): Biology major, Pre-Pharmacy,
Pre-Health Certification- completed Junior year **2018**

LICENSE

Pharmacy Technician License-State of Tennessee # 64021- Valid until July 31, 2020

Pharmacy Technician License # 286580 Texas State Board of Pharmacy- Valid until August 31, 2020

WORK

Walgreen's Cordova TN;

- Worked part time as Pharmacy technician assisting with the dispensing of medications and checking for correct dosage by checking the system. **Summer 2019**
- Assisting with the drive through prescription pick up and help at the cash register.

INTERNSHIP

St. Jude Children's Research Hospital, Department of Oncology **Summer 2019**

- Studied tumor burden in mice with ARMS (alveolar rhabdomyosarcoma) by counting the tumors in the lungs using an image analysis software.
- Performed genotyping of mice tails by running PCRs, gel electrophoresis, followed by Imaging the gels to look for presence , wild type and mutant genes present in the rhabdomyosarcoma mouse models.
- Isolation of plasmid DNA using mini preps kit.
- Assisted with aseptic cell culture techniques.

HONORS AND AWARDS

Tri-M Music Honor Society, National Association for Music Education **2016**

Science National Honors Society **2016**

Superior Medal: Ensemble Violin Performance, Solo and Ensemble Concert Festival **2016**

National Honors Society **2015-2016**

Distinguished Honor Roll **2015-2016**

Superior Medal: Solo Violin Performance, Solo and Ensemble Concert Festival **2014-2016**

2nd place – First Robotics Competition USA, University of Memphis **2014**

1st place – Gold medal and Oratorical Award, Optimist Club of Memphis **2014**

2nd place – Lego League Club of Memphis, University of Memphis **2013**

Principal's Honor Roll **2013**

COMMUNITY AND VOLUNTEER SERVICE

Pharmacy Volunteer

Walgreen's, Memphis TN; **2016**

- Shadowed the main pharmacist in filling prescriptions.
- Learned to use the pharmaceutical database.

St Jude Children's Research Hospital, Memphis TN; **2017**

- Shadowed Senior Clinical Pharmacist during patient rounds and consult.
- Observed compounding of prescription drugs for infant patients.

St. Jude Volunteer Program Volunteer, St. Jude Children's Research Hospital **2016**

- Worked in a team to create activities for the juvenile cancer patients.
 - Shadowed the clinicians and nurses in departments of Surgery, Respiratory, and Psychology.
 - Team Leader - lead juniors and seniors to create and implement various crafts and music related activities for St. Jude patients.
 - Shadowed the clinicians and nurses in departments of Surgery, Respiratory, and Psychology.
- Volunteer**, Shelby County Library, Memphis TN **2015-2016**
- Shelves books and helped organize the library.
- Starry Nights Main Greeter**, Shelby Farms, Memphis TN **2015**
- Welcomed and oriented visitors.
 - Translated for Spanish-speaking families.
- Bridge Builder Volunteer**, Greenlaw Community Center, Memphis TN **2015**
- Took part in debates with Memphis Police to come up with solutions to resolve tensions between Police and inner-city youth.
- Volunteer**, Heart Song Church **2015**
- Filed invoices and served lunch to kids.

EXTRACURRICULAR ACTIVITIES

- Violinist, University Orchestra**, University of Texas at Austin **2017-2018**
- Chairperson of Marketing**, Robotics Team 5045 **2016**
- Chaired the marketing section of White Station High School's robotics team.
 - Corresponded via essays and interviews with various sponsors to secure funding for materials and competitions at the state and regional levels.
 - Submitted grants to NASA, FedEx, FASTENAL, and SIMS. Received \$40,000 in grants so far.
- Concert Master**, Advanced Chamber Orchestra, White Station HS **2016**
- Served as the first chair and lead concerts.
 - Assisted with violinist practice, tuning, and various class activities.
- Youth Symphony Violinist**, Memphis Youth Symphony **2016**
- Served as fifth chair violin, learning concertos under the guidance of the conductor.
 - Performed at various music conferences.
- Assistant Chairperson of Marketing**, Robotics Team 5045 **2015-2016**
- Served as assistant chairperson of the marketing section of White Station's robotics team.
 - Assisted with interviews and wrote essays to various sponsors to secure funding for materials and competitions at the state and regional levels.
 - Won grants of \$40,000 from NASA, and FedEx, and parts for making the robot from FASTENAL, and SIMS.
- Assistant Concertmaster**, Advanced Chamber Orchestra, White Station HS **2015-2016**
- Served as second chair and assisted the Concertmaster.
 - Assisted with violinist practice and other class activities.
- 1st Violin Chair and 2nd Violin Chair**, West Tennessee Band and Orchestra Association **2015-2016**
- Earned chair positions through auditions.
 - Participated in a two day clinic ending with a concert at the Cannon center, Memphis, TN.
- Advanced Violinist**, Bellevue Baptist Church; Memphis, TN **2013-2016**
- Performed at winter festival concert, "Singing Christmas Tree."

RESEARCH AND TRAINING

Research, St. Jude Children's Research Hospital

2016/2017

- Perform cell culture on immortalized cancer cell lines like K562, Jurkat, and Hela cells by thawing the cells from liquid nitrogen and passaging the cells using aseptic conditions.
- Gel electrophoresis to determine size of plasmid DNA.
- Freeze down drosophila larvae followed by dissecting them to study the difference between flies which had certain genes knocked down.
- DNA isolation from mice tails.
- Shadowed in the Pharmacy departments at St. Jude and Walgreen's , followed Pharmacists' protocols for drug delivery and learned to use the database which has information about the cross-reactivity between various drugs and food.