

Kushi Manjegovda
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EDUCATION:

Monroe Township High School

September 2016 - June 2021

GPA - 98.876

SAT - 1500, Math - 770, EBRW - 730

AP Biology - 5, AP Physics - 5,

AP Psychology - 5, AP English Language and Composition - 4

SAT Bio-M - 780

EXTRACURRICULARS AND ACTIVITIES:

NJ Health Inequalities Conference

Summer 2020

Organizer, Moderator

10 hours/week

A virtual three-day convention. Over fifty high school and undergraduate students from dozens of institutions across the world attended the conference, including students from schools such as Columbia, Dartmouth, UCLA, Smith College, Emory, Rutgers, TCNJ, Rider, and even from Sweden! Three Rutgers University professors gave guest lectures about healthcare disparities and participants also had the opportunity to hear from five distinguished healthcare professionals about their careers. Participants also collaborated in groups in an ideathon to design public health interventions targeting prominent healthcare issues under racial, gender, and sexual-orientation based inequalities. Over ten groups participated and submitted proposals in the ideathon.

Launch Public Health

Fall 2020

Founder, Leader

8 hours/week

<https://www.launchpublichealth.com/>

Harnessing the enthusiasm of the participants of the Health Conference to make a change, aimed to better support and encourage these students in bringing their interventions to communities that need them the most by creating the 2020 Launch Public Health incubator program. This program allowed students to learn graduate-level skills in designing and implementing a public health intervention. Five groups continued to develop their ideas by participating in the incubator program. Through the 5-week workshop, they learned the skills necessary to develop and implement their initiatives. By listening to distinguished experts in the public health sector, working with mentors, and completing assignments, they ultimately had the resources necessary to begin launching their projects. Partnered with the New Jersey Public Health Association, New Jersey Health Initiatives, and the North Jersey Health Collaborative to launch this program. NJHI funded the initiative.

Small Bore Rifle Shooter
Distinguished Sharpshooter

6 years (2014-present)
5 hours/week

Attend weekly 5 hour practices at the Old Bridge Rifle & Pistol Club and take part in competitions on weekends. Marksmanship rank of sharpshooter. Skilled in all three official positions, prone, kneeling, and standing, as well as sitting.

Healthcare Observation
Medical Shadowing

Fall 2019
8 hours/week

Over 40 hours shadowing Dr. Gangaswamaiah, an internal medicine physician. Shadowed her on clinic rounds, observed patient visits, and learned the business side of running a private practice.

I also took part in over 25 hours of virtual shadowing. Various healthcare professionals discussed their professions and walked through their day to day.

Women in STEM Program
Founder/Organizer

2020
2 hours/week

Launched a district-wide initiative to bridge the gender gap in STEM fields. Through looking to foster passion in STEM, organized a mentor program for younger girls. Host meetings and presentations with younger girl classmates to teach them about the engineering, computer science, and medical fields, and to promote interest in these male-dominated fields. Through our demonstrations and sessions with the underclassmen, we hope to stimulate their passion for STEM, and foster a sense of curiosity in these younger girls to pursue STEM-related classes.

IEC - Innovation and Entrepreneurship Club
Product Developer

Grades 10 - 11
4 hours/week

Learned business planning, product design, research, and marketing through weekly lectures and presentations by Dr. Richard Ash, a local professor at William and Mary. Designed a wearable safety device called Protecht, which could alert 911, call emergency contacts, and sound an alarm at a press of a button. Pitched the business model to a board of investors.

Youth for Health Equity
Event Programming Director

Summer, Fall 2020
3 hours/week

An organization dedicated to bringing awareness to health disparities and advocating for equitable and universal healthcare. Plan the content for meetings, create resources for the group, and work to plan and run events.

HOSA
Member

Grades 9 - 12

Member of Future Health Professionals through high school. Studied and competed yearly in regional competitions. Placed 6th in Human Growth and Development Sophomore year.

Model United Nations
Member

Grades 11 - 12

Attended the annual three-day conference at Hershey Lodge, PA. Was part of the Nation Building Committee representing the country India in the Security Council. The issue of debate was the Palestine-Israel conflict, and my committee drafted a new peace agreement by the end of conference.

Rho Kappa
History Honors Society, Member

Grades 11 - 12

Conducted a project showcasing the town's history. Helped organize the school-wide mock election for the 2020 presidential election. Helped organize the annual free rice competition to raise rice for families in need.

Science National Honors Society
Member

Grades 9 - 12

Helped organize and run the SNHS's annual booth at the school's Haunted High School and the annual Astronomy night.

STEM Capstone Research Project
Researcher

Grade 12

Conducting research on oral health during pregnancy to find the best method of dental care for pregnant women. Currently putting together a public health intervention to target New Jersey's low-income populations, specifically mothers, pregnant women, and children. Through assessing pregnant women's oral health statuses in these areas, I hope to not only create resources for them to have better access to proper oral hygiene information during pregnancy but also to distribute this data to dental professionals in the area and build a collaborative relationship between them and prenatal experts. I plan to make access to support services, such as insurance, social services, transportation, and translation more accessible. I hope to create an oral health disease management and treatment plan for pregnant women to be included in the educational materials.

EMPLOYMENT:

MamaMend
Research Intern

2020
5 hours/week

<https://www.mamamend.com/>

MamaMend is a digital health startup targeting Postpartum Health by aiming to bring advice and resources from experts to mothers, as well as connecting them with health specialists. Research common postpartum and childbirth recovery questions mothers have and collaborate with experts and healthcare professionals to create weekly article outlines and provide sources for MamaMend content. Work directly under founder and CEO Sarah Bates to create these resources. Responsible for researching and putting together condition pages on new topics introduced in the weekly articles. Keep track of and systematically file all new articles published on the site

Jamesburg EMS
Cadet

2020
12 hours/month

I am training to become a certified EMT. I volunteer 3 hours a week at the Jamesburg EMS station. I assist on calls and deliver emergency first aid patient care, as well as hospital transport as needed.

COMMUNITY SERVICE:

Our Hearts United
Founder/President

EST. 2019
350 hours

A nonprofit dedicated to working with underprivileged mothers and children in rural India. Host weekly meetings with 25 volunteers. During COVID-19, raised \$1200 for World Central Kitchen. Fundraised this money through virtual workout, zumba, dance, and even art classes. Currently working on our Diaper Bag Initiative. Donated 50 diaper bags of baby supplies to underprivileged mothers in India to date.

CentraState Medical Center
Activity Aide & Kitchen Aide Volunteer

2018 - 2019
90 hours

Volunteered in the Senior Rehabilitation Center and the Hospital Kitchen. Helped the senior citizens, all of whom suffered from dementia, with activities such as puzzles, arts & crafts, bingo, and reading. Helped them with communication technology to aid in their recovery and help mentally stimulate them. Was in charge of transporting the residents to the dining hall. As a kitchen aide, I worked in the hospital's kitchen preparing meals and delivering them to patients. Also restocked and worked the line putting the patient trays together as orders came in.

National English Honors Society
Member

2019 - 2020
40 hours

Volunteered in the community with the goal of improving literacy. Visited the elementary schools during Read Across America to read to the children. Took part in other activities, such as helping teachers organize their classroom libraries, helping run One Book Read (where the whole school read one book and a meeting was organized to discuss it after school), and helping organize a reading carnival in the local library for children.

National Honors Society
Member

Grades 11 - 12

Accepted in National Honors Society. Currently tutoring children in the community.

Public Library Tutoring
Tutor

Spring 2018
50 hours

Tutored local elementary-age children in core subjects such as math, science, language arts, and history. Volunteered biweekly at the public library.

Key Club
Member

Fall 2017
20 hours

Volunteered in community events such as Oktoberfest, the town's Halloween Parade, and an auction.

HONORS AND AWARDS:

STEM Academy
Member

2018 -2021

Accepted into school's competitively exclusive cohort of only 11 students. Designed to foster a small class environment and focus specifically on a STEM oriented curriculum. Take part in numerous research opportunities, frequent trips, and seminars with guest speakers to further our knowledge of the field.

AP Scholar with Distinction

11th Grade

National Merit Commended Scholar

11th Grade

National Honor Society

11th Grade

National English Honor Society

11th Grade