

Inayaa Gulati
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F8/12 Vasant Vihar, New Delhi, INDIA

EDUCATION

Vasant Valley School (VVS), Delhi

Jan 2019-Present

Grade 10 CBSE: Weighted average (96.8%)

STANDARDISED TESTING

ACT: Composite Score- 35/36; English-36; Mathematics-36; Reading-32; Science-36

2022

Academic IELTS: Composite Score-8.5/9; Speaking-7.5/9; Writing-7.5/9; Listening-9/9; Reading-9/9

2022

HONOURS AND ACHIEVEMENTS

Gold Crest Award, British Science Association, for 70+ hours on STEM research project

2022

All India Sanskrit CBSE Topper for 100% in Sanskrit class 10 board examination

2021

Grade Distinction Award, Vasant Valley School, for 85+% (A1) grade average all

2016, 2019, 2020

Violin proficiency Award, Vasant Valley School

2016, 2019, 2020

Sanskrit Subject Award, Vasant Valley School

2019

Squash Proficiency Award, Vasant Valley School

2019

Bronze Pin Sports Award, Vasant Valley School

2019

Spanish Level 2, Instituto Hispania, received distinction certificate (94%)

2019

IVF RESEARCH AND INITIATIVE

Research:

Sir Ganga Ram Hospital (SGRH), Delhi (www.sgrh.com)

April 2022-August 2022

SGRH IVF and Human Reproduction department provides quality tertiary reproductive health care through ART procedures.

Research Intern under Dr. Gaurav Majumdar, Head of Embryology, Department of IVF and Human Reproduction (SGRH)

-Observed ultrasonographic embryo development stages, foreshadowed lab embryo culture and learnt how to use Chi-Square and T-Test analyses in biostatistical SPSS software.

-Wrote terminal research report investigating 'Effects of Ambient Air Pollution on Cumulative Live Birth Rate.'

-Research report awarded Gold Crest Award by the British Science Association.

Initiative:

Humans of IVF (www.ivfgangaram.in) (under **Patient Education Program**)

May 2022-Present

'Humans of IVF' is a community addressing queries of women undergoing IVF that remain generally unanswered by IVF specialists due to their emotional rather than physiological nature through a website and social media handles.

Founder of organisation, in collaboration with psychologist Dr. Mahika Sharma for response certification

-Website, accessible through Sir Ganga Ram Hospital's online interface, includes a ready reckoner of FAQs, directory of IVF-related services and weekly updated blog of burning IVF topics.

-Women were invited to join through questionnaires and posters I handed out during 5-minute interviews I held with them at SGRH.

BIOLOGY RESEARCH AND EXPERIENCE

Research:

Black Fungus in India (A Review Article), UniteSync, Delhi

October 2021

Reviewed history and mechanisms of the infection; also, effects on hyperglycaemic SARS virus victims and, thereby, Indian public health status.

Research Intern under UniteSync

-Research paper published in International Journal of Innovative Research in Science, Engineering and Technology (IJIRISET) (Volume 10, Issue 10, October 2021).

Lumiere Education, (www.lumiere.com)

July 2021-September 2022

Lumiere Education is a research program that connects students with university mentors from varied fields of study to develop an independent research project.

Research Intern under Ms. Malak H. Bazzi, PhD Molecular Biology, University of Michigan, Ann Arbor

-Wrote research paper entitled 'Athletic Gut Microbial Diversity' that describes hypotheses and mechanisms of the synthesis and role of gut microbiota and short-chain fatty acids in athletic performance enhancement and continuation.

-Research also delves into the relationship of the brain, gut and vagus nerve.

How Gender Affects Our Health: The South Asian Context, UniteSync, Delhi

May 2021

Investigated impacts of South Asian conventions and hormones on male, female and transgender health to integrate sociological and biological perspectives.

Research Intern under UniteSync in collaboration with Ananay Rajput (Juniata College student) and Dr. Vibha Singh (Feroze Gandhi College)

-Research paper published in International Journal of Innovative Research in Science, Engineering and Technology (IJIRISET) (Volume 10, Issue 5, May 2021).

Experience:

Infectious Disease and Epidemics Pre-College Program, Brown University, Providence June 2022-July 2022
Attended two-week summer pre-college program on campus learning about bacterial and viral disease. Also presented an analysis of a giant virus.

Dr. Gaur PathLabs, Oncquest Laboratories/Paras Hospitals, Delhi/Gurugram Dec 2021-Jan 2022
Dr. Gaur PathLabs is an independent chain of laboratories that runs the department of Histopathology at Paras Hospitals, Gurugram.
Intern under Dr. Ravi Gaur, Founder of DrG and Principal Advisor of Spice Health (SpiceJet Airlines)
-Observed fundamentals of immunological, haematological and microbiological processes in OncQuest Laboratories.
-Assisted in microtomy and tissue dyeing and observed grossing of pulmonary specimens in histopathological department at Paras Hospitals.

COVID-19 INITIATIVE AND OUTREACH

Initiative:

Project Darzi, Gyans, (<https://gyans.com/collections/casual-mask>) March 2020-Jan 2021
Project 'Darzi,' (tailor) is an initiative entailing the production and marketing of masks during the nation-wide lockdown of the pandemic to compensate bare minimum salaries and restore livelihoods of tailors, reduce decline in small designer business and shortage of mask supply.
Founder of Project, marketing in collaboration with Gyans (retail chain of multi designer stores)
-Collaborated with designer Ms. Pamela Mehta at the start of the lockdown to let 5 tailors she unemployed use her machines to stitch masks with scrap material and her factory for nightly accommodation due to the lockdown curfew.
-Marketed masks (INR 150 per mask) through contacts and the Gyans's website.
-Project raised approximately INR 1,60,000 used to compensate each of the 5 tailors' two-month salaries (INR 32,000 each).

Outreach:

TribesForGood NGO, ([TribesForGood](https://tribesforgood.com)) May 2020-June 2020
TribesForGood NGO is a social impact platform allowing individuals to contribute meaningfully towards need-of-the-hour problems.
Sales and Marketing Volunteer under Ms. Mandeep Kaur (Founder of TribesForGood NGO) for Aftertaste foundation in Mumbai, India, which employs over 500 skilled and unskilled women to create art for empowerment
-Digitally marketed art and craft products of women working in small business called 'Aftertaste' via their Instagram handle during times of severe unemployment in the nation-wide lockdown due to the pandemic.
-Helped earn INR 30,000 for women working under Aftertaste.

OTHER RESEARCH EXPERIENCE

Exploring the Dark Side of Social Media During the Pandemic in India April 2021-June 2021
Conducted a survey on 101 Indian residents to analyse changes in mental wellbeing due to an increased use of social media during the pandemic.
Research in collaboration with Ananay Rajput (Juniata College student) and Ms. Neha Jain (University of Calcutta)
-Research paper published in International Journal of Indian Psychology (IJIP) (Volume 9, Issue 2, April-June 2021).

The Role of the Mining Sector in Indian Economy April 2021
Collected data of Indian mineral wealth and researched mining sector contributions towards the economy at the Rajiv Gandhi Institute of Petroleum Technology (RGIPT). I also hypothesised methods of the sector's sustainability as per my learning at the Institute.
Research with Ananay Rajput (Juniata College student), Abhishanka Saha (UniteSync student) and Dr. Alok Singh (RGIPT)
-Research paper published in International Journal of Innovative Science and Research Technology (IJSRT) (Volume 6, Issue 4, April 2021).

Delineating the psychological impact of COVID-19 on small businesses in India March 2021
Triggered by the emotional anguish of small business owners I visited during the pandemic, I researched the economic devastation of their business and resultant psychological impact on their mental health due to the nation-wide lockdown in India.
Research Intern with Ananay Rajput (Juniata College student) and Ms. Neha Jain (University of Calcutta)
-Research paper published in International Journal of Advance Research, Ideas, Innovations in Technology (IJARIIT) (Volume 7, Issue 2, March 2021).

WESTERN VIOLIN

2016-Present
-Grade 6 Violin Trinity Examination in January 2023
-Selected for grade 6-12 school inter house western music competitions (grade 9 (2019)- second prize; grade 12 (2022)-first prize)
-Member of high school violin orchestral division for annual day performances (2016, 2017, 2018, 2019, 2022).
-Selected to play classical pieces at school community orchestra (2019, 2020) and Global Music and Art (GMA) community orchestra 'Alive Show' (2022). Also, visited business houses and known contacts to raise funds for the show's auditorium booking.

LEADERSHIP

Outreach Council, Vasant Valley School, Delhi 2022
-Selected for outreach council.
-Volunteered for morning traffic duty (50 hours), school cleanliness responsibility and after-school teaching with children from rural communities.

YLC Harvard Leadership Program, Shiv Nadar School, Gurugram Jan 2020
-Attended two-week program in-person, worked on and presented a power point and documentary on adolescent mental health in an auditorium.

LANGUAGES AND INTERESTS

Languages: English, Hindi, Sanskrit (elementary proficiency), Spanish (elementary proficiency)

Interests: Academic: Biology, Organic chemistry, Pure mathematics; Extracurricular: Western Violin, Squash