Graduate Engineering Profiles in Achievement
▸ Master of Biomedical Engineering

Mehma Kaur Chawla

Kolkata, India

BS, Heritage Institute of Technology

Why do you want to pursue a graduate degree in engineering?
I was always interested in biological sciences but at the same time I wanted to study mathematical and engineering concepts to utilize the principles in the healthcare industry. Hence, biomedical engineering was a perfect amalgamation of the two with a lot of flexibility and wide career options to choose from.

Why did you choose Rutgers School of Engineering?
Rutgers Biomedical Engineering (BME) is one of the most highly ranked graduate schools. But more than just ranking, I feel the curriculum it provided, and the flexibility to choose from a wide variety of courses that allowed me to explore different areas of application, were the primary reasons for choosing BME at Rutgers School of Engineering.

What has been your favorite class so far and why?
Dr. Labazzo's Clinical Practicum was one of my favorite classes. We had the opportunity to visit the JFK Rehab Center and an organ donation organization as part of our field trip. It gave me more insight on what can be done with a degree in BME apart from the traditional career paths that students usually take.

Is there a professor who has made an impact on your studies?
Yes, Dr. Berthiaume is my research professor. For my master's thesis, I chose to work in his lab. He guided me all along the way, not only for my project but also to help me in terms of career prospects after graduation.

Are you involved in any research projects?
My research thesis work on the development of a novel recombinant growth factor for chronic skin wound healing.

Have you had an internship while at Rutgers?
Yes. I interned at Celgene (now Bristol Myers Squibb) in the Global Regulatory Biologics department in the summer of 2019.

What are your plans after graduation?
I plan to work as a scientist/associate scientist for a patient-centric pharmaceutical company.

How would you describe the Rutgers Engineering community?
I would describe it as dynamic with opportunities for cutting-edge research. Something I really liked about the engineering community is that from time to time they offered female-centric events like "Women in Science" lectures and field trips for empowering us to go further into research and shine bright.

If you could sum up your experience at Rutgers Engineering in just 1-3 words... what would those be? Exciting and exploratory.

"New Jersey has always been a great place for higher education. No other state has as many PhDs per square mile, and our research universities have produced a staggering range of discoveries. At Rutgers alone, in recent years, these innovations include advancements in fighting cancer, an underwater drone to assist the Coast Guard, a smart city testbed for self-driving cars, and global forecasting for hurricanes."

Christopher J. Molloy, Ph.D.
Chancellor
Rutgers University-New Brunswick

▸ #1 Public University in New Jersey

▸ Ranked #22 among public universities

▸ Faculty members are at the top of their fields, delivering excellence in the class room and to the greater good through research.

▸ A dynamic campus environment engages a richly diverse student body.

▸ Rutgers is currently advancing the world's first saliva test for COVID-19 and has also established a COVID-19 Center to coordinate the university's many research, public health and out reach efforts to fight the pandemic.

RUTGERS
School of Engineering