

The Research Digest: Weekly Findings & Trends

These last few weeks of ISM have been a blur! I have studied and done so much research that is helping me make important decisions on what I want to do for my final project. We worked on a few research assessments that helped me understand exactly what I will do this year. I read a few research papers that helped me expand my horizons. I was initially stuck on doing a wet lab-based project, which, through my research, was pretty hard to acquire. However, according to many research papers, bioinformatics and digital modeling would be viable options. The research paper that helped me the most was the one I did my most recent evidence of learning assessment. The authors highlighted the importance of combining wet lab data and bioinformatic modeling software. They can be a powerful tool when used together, especially since there is so much online data on which the model could be trained. Another important thing I learned was that I needed to learn skills related to machine learning and regenerative medicine. With all this knowledge I have gathered this week, I clearly know what I want to do this year in ISM and how to execute it. My goals for the next two weeks are to continue enhancing my Python and Matlab skills and learn more about machine learning and bioinformatics.