



Name: Kristina Astleford
City: Minneapolis, MN
Date of birth: 11/21/1991
Email: Astl0008@umn.edu
Twitter handle: N/A
Studies: Bone Biology

Specialization: Osteoclast Biology

Short bio:

My name is Kristina Astleford and I will be a 3rd year DDS/PhD student this fall at the University of Minnesota. I have been studying bone biology since I was an undergraduate student at UMN and still find it to be a very rewarding and interesting area of study. I am a graduate student in Dr. Kim Mansky's lab where our main area of study is osteoclast biology. Specifically, our lab is interested in understanding the role of epigenetic regulators in osteoclasts. My PhD thesis involves understanding how lysine specific demethylase 1 regulates osteoclast differentiation and activity. After graduation, I hope to study oral pathology to ultimately practice as an oral pathologist while performing clinical research.

What do you expect from this training?

I hope to develop not only my technical skills but also my writing skills as I have not yet written a manuscript from start to finish by myself. Additionally, I look forward to learning more about bone physiology and how the different cell types in bone can affect one another. I hope to take this information and use it to strengthen my thesis project. Lastly, I look forward to

Bonus question: What motivates you to get out of bed in the morning?

I am a planner. Every night I write a list of tasks that I have to complete the next day. The satisfaction of crossing each thing off of my list, both personal and