Lyndi Kiple

Chemistry masters student

Sioux City, Iowa

Coffee order: Iced coffee, year round

TV character you’re most like: Amy Santiago from Brooklyn 99

Dream Job: Conservation Scientist at a big museum like the Met or Smithsonian

The best part about the group is the people! Everyone is fun to work with and brings their own strengths to the table. There’s never a dull moment with this group.

Right now in lab, I’m collecting interface data for epoxy samples and helping with data processing for those. I’m also making paint samples and will soon be collecting measurements to characterize paint based on pigment concentration.

Joyce Tate  
Chemistry major, Classics minor, Pre-Law track  
Virginia Beach, Virginia

Coffee order: Vanilla Latte with Almond milk, in the biggest size I can get

TV character you’re most like: Francis Houseman from Dirty Dancing, had to take like 16 buzzfeed quizzes to finally figure it out

Dream job: under water welder

The best part of lab is the epoxy! I could talk about it for hours to anyone who’ll listen.

Right now I’m working on fitting NMR data to a kinetic model of the epoxied-amine cure reaction. I’m also working on experimenting with a larger range of epoxy and curing agent pairs.

Sam Rubin  
Chemical Physics major  
Baltimore, Maryland

Favorite ice cream flavor: Coffee

TV character you’re most like: Schmidt from New Girl

Dream Job: not sure yet, something in the medical field

The best part of the Meldrum Lab is the people!!

In lab, I’m helping with data collection now and joining a project next semester.

Caroline Thompson

Neuroscience major

Falls Church, Virginia

Coffee order: London Fog Tea Latte

Spirit animal: Turtle

Dream Job: Pediatric Cardiothoracic Surgeon

The best part about the Meldrum Lab is most definitely the people.  My favorite thing is Friday group meetings because everyone always has so much energy and brings such varied ideas and perspectives to the table.  For example, I can never stop laughing at the beginning of group meeting as we do our ‘roses and thorns’ of the week where I get a glimpse into the lives of my peers.  Their triumphs and tribulations always somehow make me laugh.

In the Spring I plan to continue collecting interface data for the epoxy samples and doing whatever else needs to be done.

Ignat Miagkov

Chemistry & Computer Science majors

Herndon, Virginia

Favorite Ice Cream Flavor: Mint Chocolate Chip

TV Character I am most like: Derek Morgan from Criminal Minds

Dream Job: Actor (probably movie actor, but would not be opposed to theatre)

The best part about the group is when Tyler makes pie for everyone and destroys you in his own boardgames.

I am currently working on creating dynamic molecular simulations for surface area interactions between epoxy and other substances/materials. These simulations will help us create a better image of the exact molecular interactions at the surface interface. I also assist in running epoxy interface experiments on the PM5 magnet.

Savannah Wood

Kinesiology and Health Sciences major, Chemistry minor, Pre-Med track

Powhatan, Virginia

Favorite ice cream flavor: Anything chocolate ☺

Spirit animal: Sea otter

Dream Job: Obstetric Anesthesiologist

The best part about the group is the community! And of course, pie night at the Meldrums’ house!!

This semester, Joyce and I worked on epoxy samples (our most recent epoxy was made in the heat chamber) and afterwards we started to measure them under the magnet with Tyler’s help.