

## Mavreen Rose Tuvilla

From: Talisay City, Negros Occidental - Philippines  
Studies: Ph.D, Chemistry Education

### Why did you choose Purdue?

It offered a great Chemistry Education program. I have heard wonderful things about Purdue University regarding diversity and inclusion.

### What is your favorite fact about Purdue?

That it has produced so many astronauts!

### Please briefly describe your research:

I work with underrepresented youth and I seek to understand their experiences in the science classroom. Since there is a lot of emphasis in participating verbally in class discussions to display learning, my research aims to expand how engagement and participation would look like if we look beyond speaking and include all other meaning-making modes such as gesture, gaze, use of space, use of artifacts, etc. Since my first year at Purdue University, I worked on Project RESET which engages resettled Burmese refugee youth in critical STEM practices. We ran an afterschool program for high school youth that talks about climate and climate change.

### Name one to three words that best describes your work?

Science education, multimodal analysis, refugee youth.

### Where do you spend most of your time on campus?

In my office - WTHR.

### If you have free time, how do you spend it?

Watching Korean drama, reading, catching up on television series, cooking.

### Current mobile device/computer:

iPhone; Macbook Air.

### What apps, software, or tools can't you live without?

Camtasia, Inqscribe, Google Calendar, Penzu.

### What's your workspace setup like?

My workspace is in a lab. My group resides in the Chemistry department and my desk is right by a safety shower. I use my laptop and headphone and often use an extended screen.

### What's your favorite to-do list manager?

Google calendar. I like writing it down as well. I like the feeling of being able to mark things as done.

### Besides your phone and computer, what gadget can't you live without?

My mini iPad - I watch shows, communicate with my family and read with it.



### What everyday thing are you better at than everyone else? Why is this?

I have a way of "productively procrastinating". Sometimes there are tasks I dread doing so I sometimes do other "easier things". For example, I need to write a 30 page paper but I don't feel like doing it just yet -- I would block off some time and will do something else on my to-do-list -- like read an article.

### I would like to see \_\_\_answer these questions.

Dr. Minjung Ryu, my PI.

### What are you currently reading, or what is the last thing you read (aside from academic reading)?

I just recently looked up a recipe for waffle batter :).

### What's the best advice you've ever received?

Work for the government.

### What is (are) your career goal(s)?

I imagine myself as a consultant in K-12 schools. I would carve out a position for myself and my tagline would be "Changing one school at a time."

### Other advice?

I write myself letters into the future (check out [futureme.org](http://futureme.org)). I get one on my birthday each year and sometimes on random dates when something important has happened in the past. It is really quite a treat to read about what I was doing at that point in time and it gives me fresh perspective on the present.

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Questions? Email [gradinfo@purdue.edu](mailto:gradinfo@purdue.edu)

